



10798 - Dark Halos and Substructure from Arcs & Einstein Rings

Cycle: 15, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) SDSSJ1621+3931	ACS/WFC	3	17-Jan-2008 14:35:22.0	yes
02	(2) SDSSJ1106+5228	ACS/WFC	3	17-Jan-2008 14:35:29.0	yes
03	(3) SDSSJ1100+5329	ACS/WFC	3	17-Jan-2008 14:35:34.0	yes
04	(4) SDSSJ0955+0101	ACS/WFC	3	17-Jan-2008 14:35:43.0	yes
05	(5) SDSSJ1700+6221	ACS/WFC	2	17-Jan-2008 14:35:48.0	yes
06	(6) SDSSJ1143-0144	ACS/WFC	2	17-Jan-2008 14:35:53.0	yes
07	(7) SDSSJ1112+0826	ACS/WFC	3	17-Jan-2008 14:35:58.0	yes
08	(8) SDSSJ0044+0113	ACS/WFC	3	17-Jan-2008 14:36:04.0	yes

Proposal 10798 (STScI Edit Number: 7, Created: Thursday, January 17, 2008 2:38:31 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
09	(9) SDSSJ2302-0840	ACS/WFC	3	17-Jan-2008 14:36:11.0	yes
10	(10) SDSSJ1029+6115	ACS/WFC	2	17-Jan-2008 14:36:16.0	yes
11	(11) SDSSJ1250-0135	ACS/WFC	3	17-Jan-2008 14:36:21.0	yes
12	(12) SDSSJ0935-0003	ACS/WFC	3	17-Jan-2008 14:36:26.0	yes
13	(13) SDSSJ1403+0006	ACS/WFC	3	17-Jan-2008 14:36:33.0	yes
14	(14) SDSSJ1204+0358	ACS/WFC	3	17-Jan-2008 14:36:38.0	yes
15	(15) SDSSJ1451-0239	ACS/WFC	2	17-Jan-2008 14:36:43.0	yes
16	(16) SDSSJ0037-0942	ACS/WFC	3	17-Jan-2008 14:36:48.0	yes
17	(17) SDSSJ1531-0105	ACS/WFC	3	17-Jan-2008 14:36:53.0	yes
18	(18) SDSSJ1538+5817	ACS/WFC	2	17-Jan-2008 14:36:59.0	yes
19	(19) SDSSJ1436-0000	ACS/WFC	3	17-Jan-2008 14:37:04.0	yes
20	(20) SDSSJ1718+6424	ACS/WFC	2	17-Jan-2008 14:37:08.0	yes
21	(1) SDSSJ1621+3931	NIC2	1	17-Jan-2008 14:37:11.0	yes
22	(2) SDSSJ1106+5228	NIC2	1	17-Jan-2008 14:37:14.0	yes
23	(3) SDSSJ1100+5329	NIC2	1	17-Jan-2008 14:37:16.0	yes
24	(4) SDSSJ0955+0101	NIC2	1	17-Jan-2008 14:37:18.0	yes
25	(5) SDSSJ1700+6221	NIC2	1	17-Jan-2008 14:37:20.0	yes
75	(5) SDSSJ1700+6221	NIC2	1	17-Jan-2008 14:37:22.0	yes
26	(6) SDSSJ1143-0144	NIC2	1	17-Jan-2008 14:37:24.0	yes
27	(7) SDSSJ1112+0826	NIC2	1	17-Jan-2008 14:37:26.0	yes
28	(8) SDSSJ0044+0113	NIC2	1	17-Jan-2008 14:37:28.0	yes
29	(9) SDSSJ2302-0840	NIC2	1	17-Jan-2008 14:37:30.0	yes

Proposal 10798 (STScI Edit Number: 7, Created: Thursday, January 17, 2008 2:38:31 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
30	(10) SDSSJ1029+6115	NIC2	1	17-Jan-2008 14:37:32.0	yes
31	(11) SDSSJ1250-0135	NIC2	1	17-Jan-2008 14:37:34.0	yes
32	(12) SDSSJ0935-0003	NIC2	1	17-Jan-2008 14:37:36.0	yes
33	(13) SDSSJ1403+0006	NIC2	1	17-Jan-2008 14:37:38.0	yes
34	(14) SDSSJ1204+0358	NIC2	1	17-Jan-2008 14:37:39.0	yes
35	(15) SDSSJ1451-0239	NIC2	1	17-Jan-2008 14:37:41.0	yes
36	(16) SDSSJ0037-0942	NIC2	1	17-Jan-2008 14:37:43.0	yes
37	(17) SDSSJ1531-0105	NIC2	1	17-Jan-2008 14:37:45.0	yes
38	(18) SDSSJ1538+5817	NIC2	1	17-Jan-2008 14:37:47.0	yes
39	(19) SDSSJ1436-0000	NIC2	1	17-Jan-2008 14:37:49.0	yes
40	(20) SDSSJ1718+6424	NIC2	1	17-Jan-2008 14:37:51.0	yes
76	(1) SDSSJ1621+3931	WFPC2	2	17-Jan-2008 14:37:53.0	yes
77	(2) SDSSJ1106+5228	WFPC2	2	17-Jan-2008 14:37:55.0	yes
78	(3) SDSSJ1100+5329	WFPC2	2	17-Jan-2008 14:37:57.0	yes
79	(4) SDSSJ0955+0101	WFPC2	2	17-Jan-2008 14:37:59.0	yes
80	(5) SDSSJ1700+6221	WFPC2	2	17-Jan-2008 14:38:02.0	yes
81	(7) SDSSJ1112+0826	WFPC2	2	17-Jan-2008 14:38:04.0	yes
82	(8) SDSSJ0044+0113	WFPC2	2	17-Jan-2008 14:38:06.0	yes
83	(9) SDSSJ2302-0840	WFPC2	2	17-Jan-2008 14:38:08.0	yes
84	(10) SDSSJ1029+6115	WFPC2	2	17-Jan-2008 14:38:10.0	yes
85	(11) SDSSJ1250-0135	WFPC2	2	17-Jan-2008 14:38:12.0	yes
86	(12) SDSSJ0935-0003	WFPC2	2	17-Jan-2008 14:38:14.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
87	(13) SDSSJ1403+0006	WFPC2	2	17-Jan-2008 14:38:16.0	yes
88	(14) SDSSJ1204+0358	WFPC2	2	17-Jan-2008 14:38:18.0	yes
89	(16) SDSSJ0037-0942	WFPC2	2	17-Jan-2008 14:38:20.0	yes
90	(17) SDSSJ1531-0105	WFPC2	2	17-Jan-2008 14:38:22.0	yes
91	(18) SDSSJ1538+5817	WFPC2	2	17-Jan-2008 14:38:24.0	yes
92	(19) SDSSJ1436-0000	WFPC2	2	17-Jan-2008 14:38:26.0	yes
93	(20) SDSSJ1718+6424	WFPC2	2	17-Jan-2008 14:38:28.0	yes

111 Total Orbits Used

ABSTRACT

The surface brightness distribution of extended gravitationally lensed arcs and Einstein rings contains super-resolved information about the lensed object, and, more excitingly, about the smooth and clumpy mass distribution of the lens galaxies. The source and lens information can non-parametrically be separated, resulting in a direct "gravitational image" of the inner mass-distribution of cosmologically-distant galaxies (Koopmans 2005; Koopmans et al. 2006 [astro-ph/0601628]). With this goal in mind, we propose deep HST ACS-F555W/F814W and NICMOS-F160W WFC imaging of 20 new gravitational-lens systems with spatially resolved lensed sources, of the 35 new lens systems discovered by the Sloan Lens ACS Survey (Bolton et al. 2005) so far, 15 of which are being imaged in Cycle-14. Each system has been selected from the SDSS and confirmed in two time-efficient HST-ACS snapshot programs (cycle 13&14). High-fidelity multi-color HST images are required (not delivered by the 420s snapshots) to isolate these lensed images (properly cleaned, dithered and extinction-corrected) from the lens galaxy surface brightness distribution, and apply our "gravitational imaging" technique. Our sample of 35 early-type lens galaxies to date is by far the largest, still growing, and most uniformly selected. This minimizes selection biases and small-number statistics, compared to smaller, often serendipitously discovered, samples. Moreover, using the WFC provides information on the field around the lens, higher S/N and a better understood PSF, compared with the HRC, and one retains high spatial resolution through drizzling.

The sample of galaxy mass distributions - determined through this method from the arcs and Einstein ring HST images - will be studied to: (i) measure the smooth mass distribution of the lens galaxies (dark and luminous mass are separated using the HST images and the stellar M/L values derived from a joint stellar-dynamical analysis of each system); (ii) quantify statistically and individually the incidence of mass-substructure (with or without obvious luminous counter-parts such as dwarf galaxies). Since dark-matter substructure could be more prevalent at higher redshift, both results provide a direct test of this prediction of the CDM hierarchical structure-formation model.

OBSERVING DESCRIPTION

The goal of our observations is to obtain high signal to noise spatially resolved photometry through filters F555W, F814W and F160W. The multi-color images will be used to derive accurate surface photometry of the lens galaxy -- corrected for dust extinction -- and thus pinpoint the distribution of luminous mass (i.e. measure effective radii to <10percent, magnitudes to <0.1 mags, PA to better than 5deg). We will exploits the multicolor information to subtract the light from the lens galaxy (massive ellipticals are in general very uniform in color) and compute extinction corrected images of the Einstein Rings. Precise removal of the lens galaxy contamination and of reddening correction is key to the success of non parametric mass reconstruction methods.

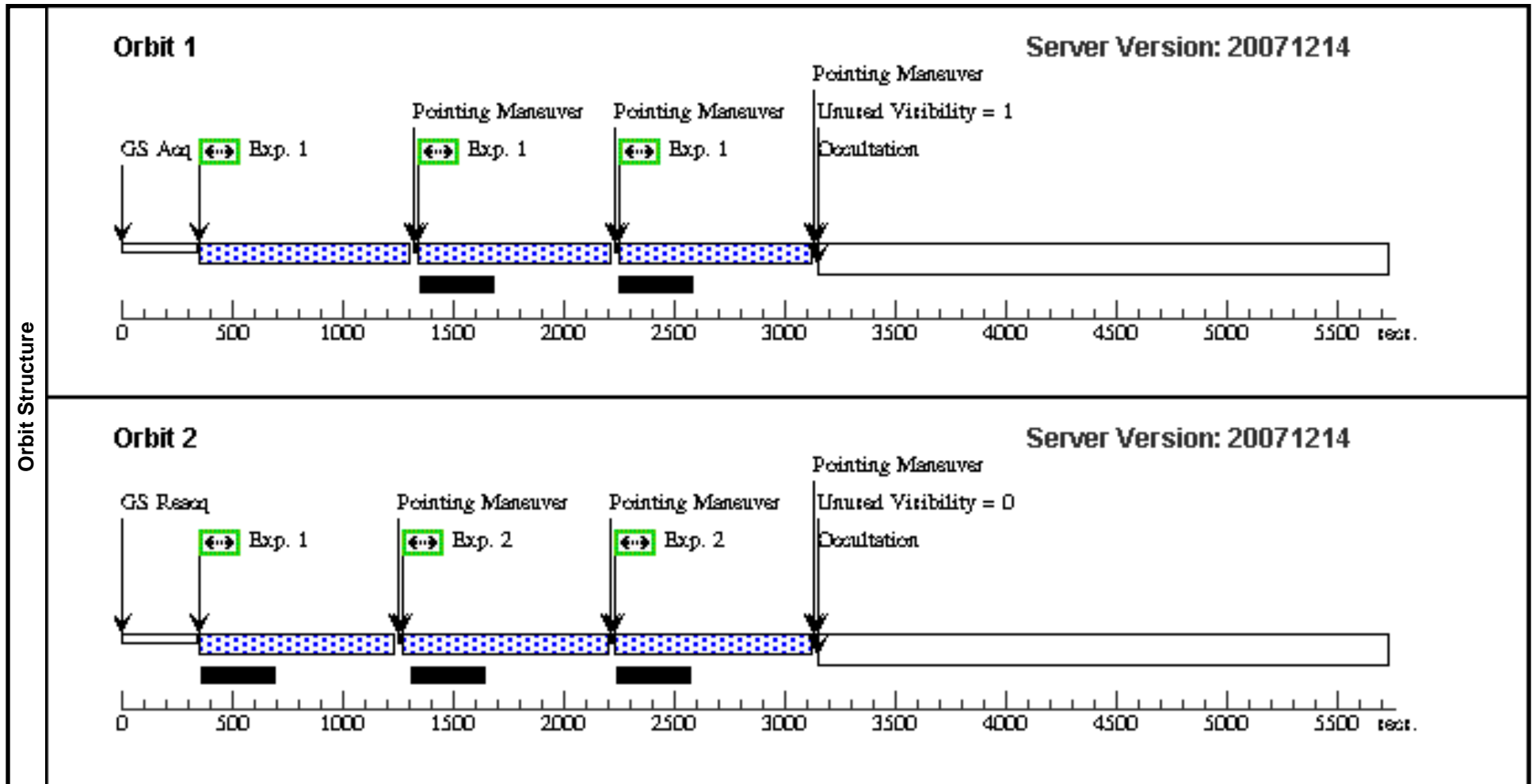
ADDITIONAL COMMENTS

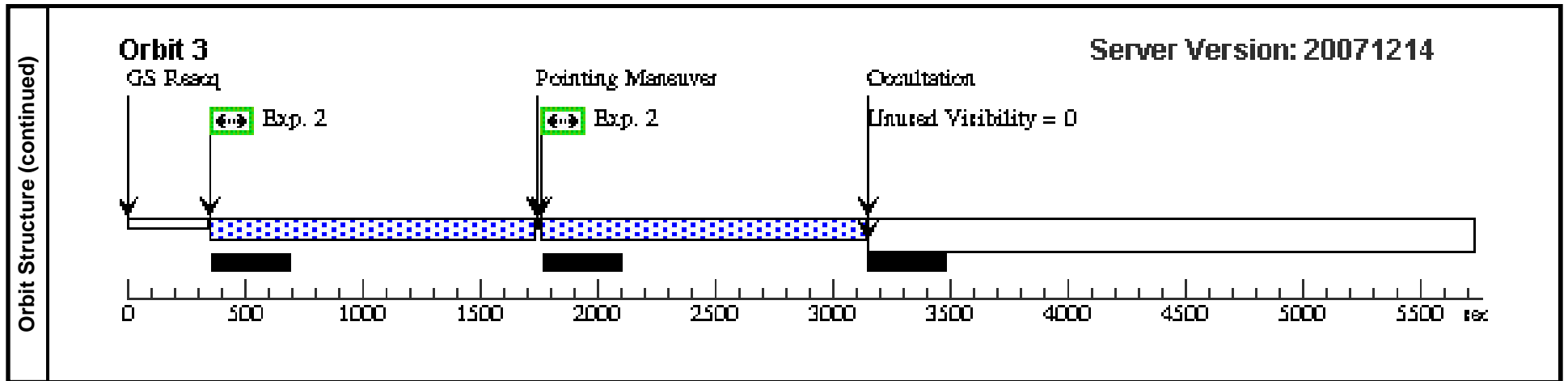
Note that this phase-II has an additional number of visits (76-93), using WFPC2, to replace the 18x2 remaining orbits that were planned with ACS. The instrumental set-up was changed to 2 orbits using WFPC2-F606W to attain sufficient depth to complete our science goals and to be consistent with our other program GO-10886 (similar change).

Proposal 10798 - Visit 01 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:32 GMT 2008

Visit	Proposal 10798, Visit 01 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
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		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	SDSSJ1621+3931	RA: 16 21 32.9900 (245.3874583d) Dec: +39 31 44.60 (39.52906d) Equinox: J2000			V=17.4	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SDSSJ1621+3931 1	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
									[==>751.0 Secs (Pattern 1)]	
									[==>751.0 Secs (Pattern 2)]	[1]
									[==>751.0 Secs (Pattern 3)]	
									[==>759.0 Secs (Pattern 4)]	[2]
2		(1) SDSSJ1621+3931 1	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs		
								[==>769.0 Secs (Pattern 1)]		
								[==>769.0 Secs (Pattern 2)]	[2]	
								[==>1256.0 Secs (Pattern 3)]		
								[==>1256.0 Secs (Pattern 4)]	[3]	

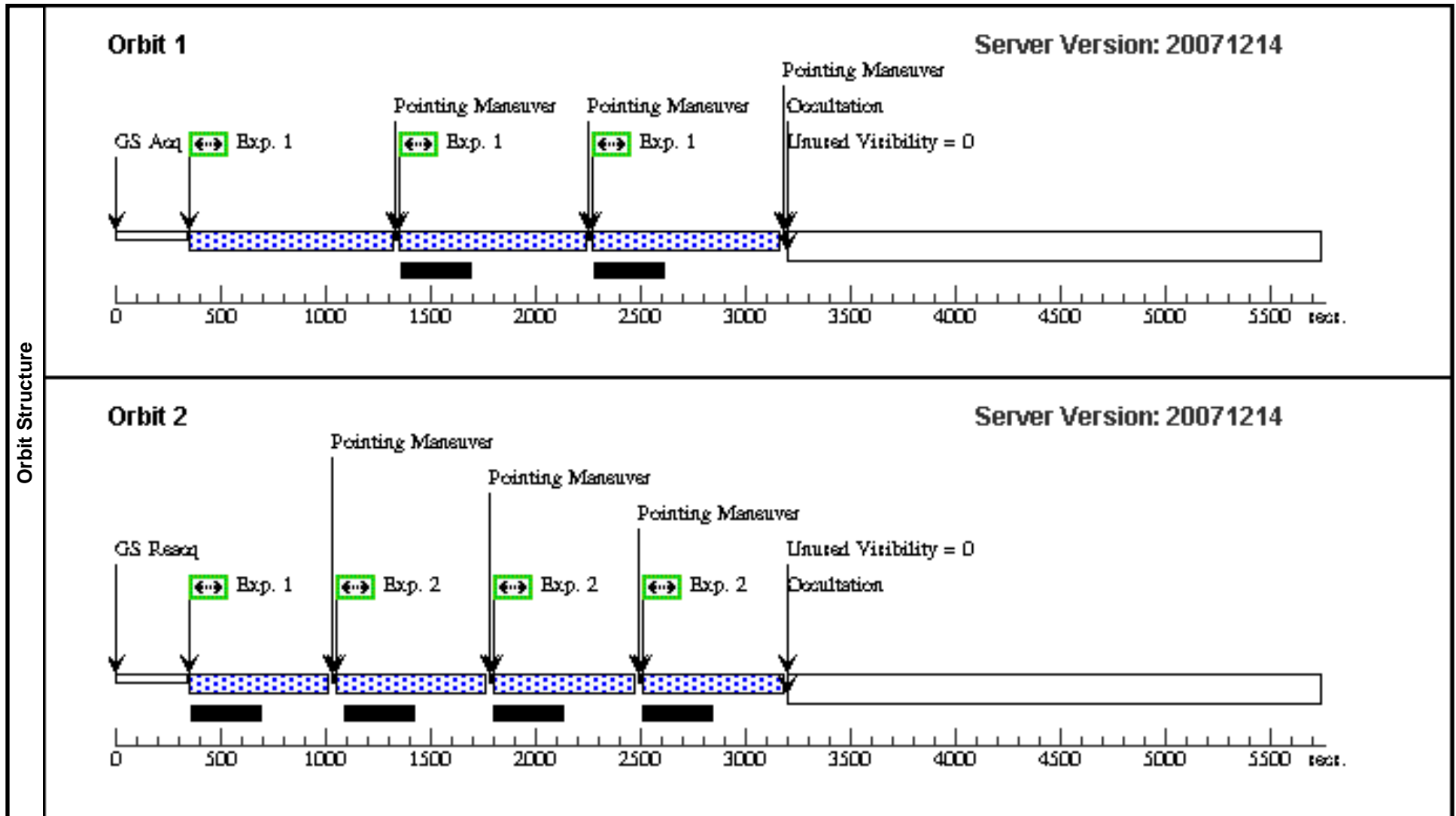


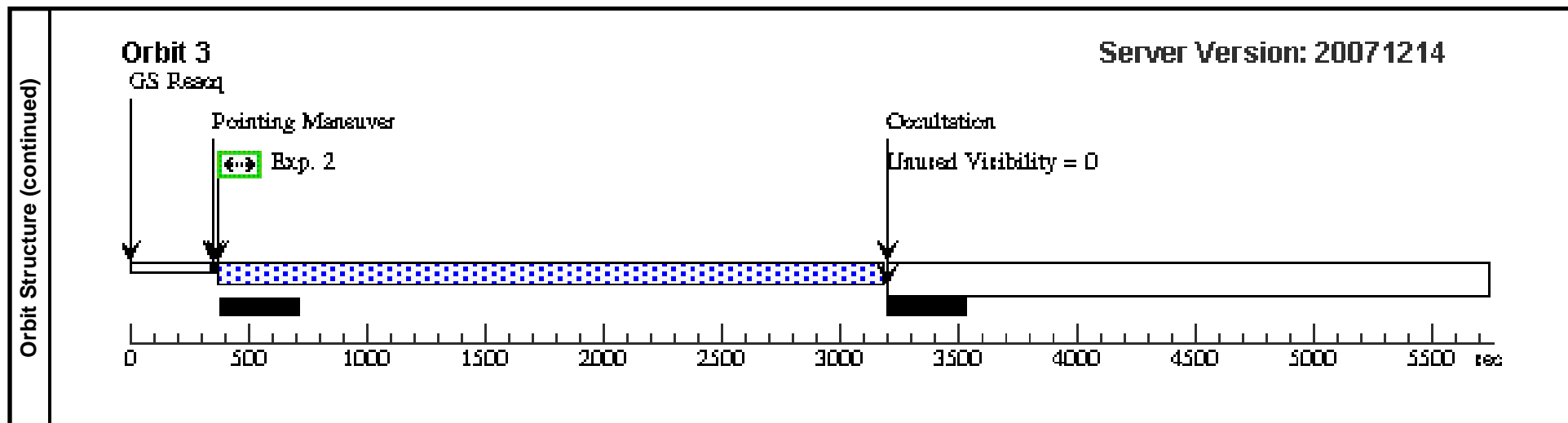


Proposal 10798 - Visit 02 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:33 GMT 2008

Visit	Proposal 10798, Visit 02 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(2)	SDSSJ1106+5228	RA: 11 06 46.1600 (166.6923333d) Dec: +52 28 37.70 (52.47714d) Equinox: J2000			V=16	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) SDSSJ1106+5228 8	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
									[==>765.0 Secs (Pattern 1)]	
									[==>765.0 Secs (Pattern 2)]	[1]
									[==>765.0 Secs (Pattern 3)]	
									[==>543.0 Secs (Pattern 4)]	[2]
2		(2) SDSSJ1106+5228 8	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs		
								[==>553.0 Secs (Pattern 1)]		
								[==>553.0 Secs (Pattern 2)]	[2]	
								[==>553.0 Secs (Pattern 3)]		
								[==>2689.0 Secs (Pattern 4)]	[3]	

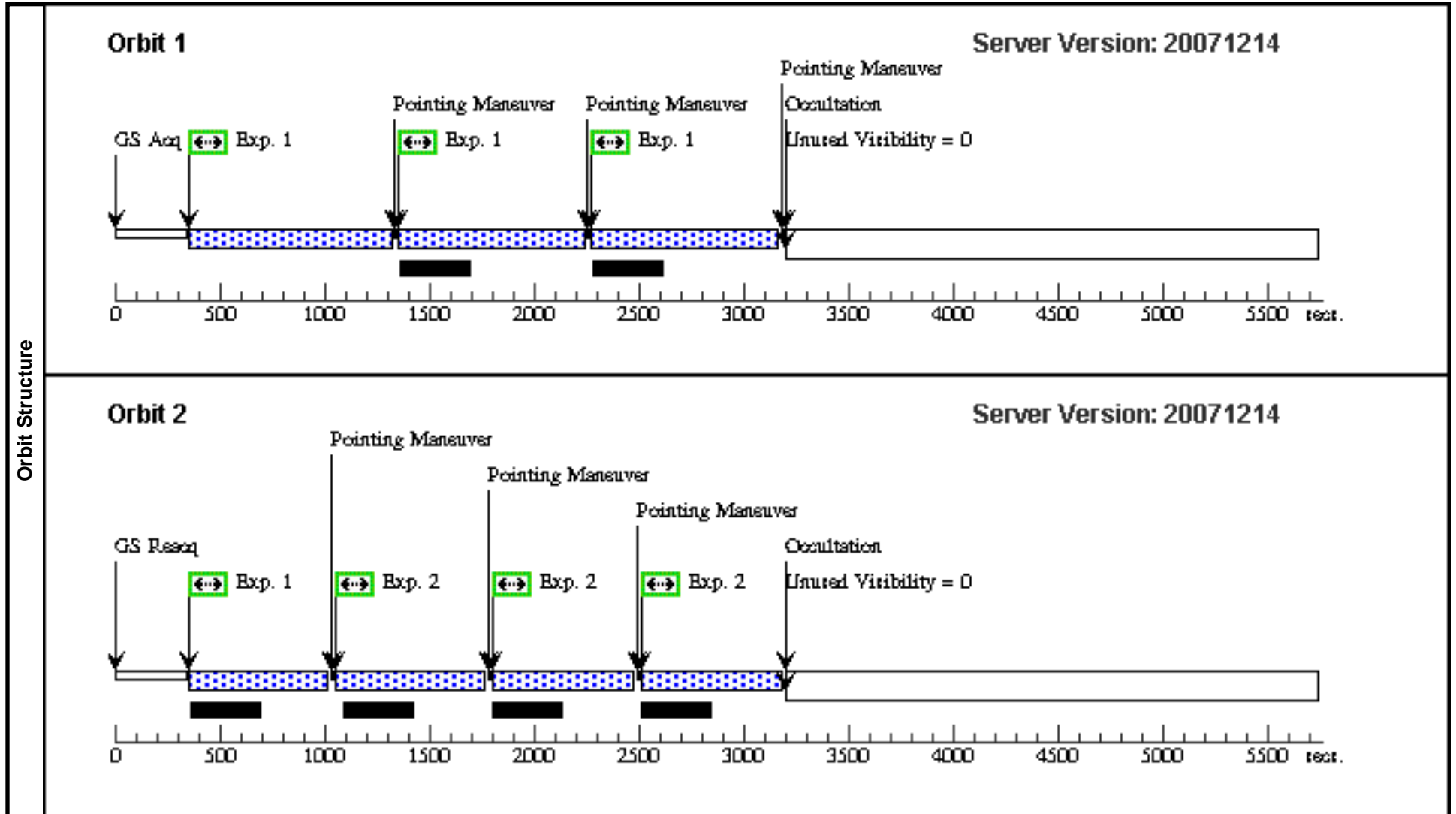


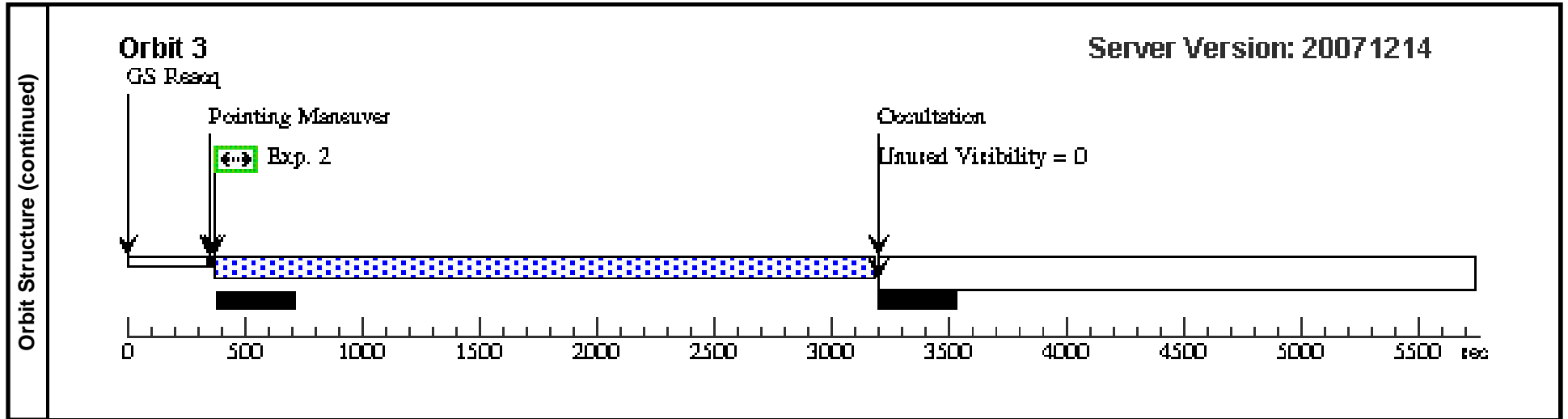


Proposal 10798 - Visit 03 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:34 GMT 2008

Visit	Proposal 10798, Visit 03 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	SDSSJ1100+5329	RA: 11 00 24.3900 (165.1016250d) Dec: +53 29 13.70 (53.48714d) Equinox: J2000		V=17.7	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) SDSSJ1100+5329 9	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
									[==>765.0 Secs (Pattern 1)]	
									[==>765.0 Secs (Pattern 2)]	[1]
									[==>765.0 Secs (Pattern 3)]	
									[==>543.0 Secs (Pattern 4)]	[2]
2		(3) SDSSJ1100+5329 9	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs		
								[==>553.0 Secs (Pattern 1)]		
								[==>553.0 Secs (Pattern 2)]	[2]	
								[==>553.0 Secs (Pattern 3)]		
								[==>2689.0 Secs (Pattern 4)]	[3]	

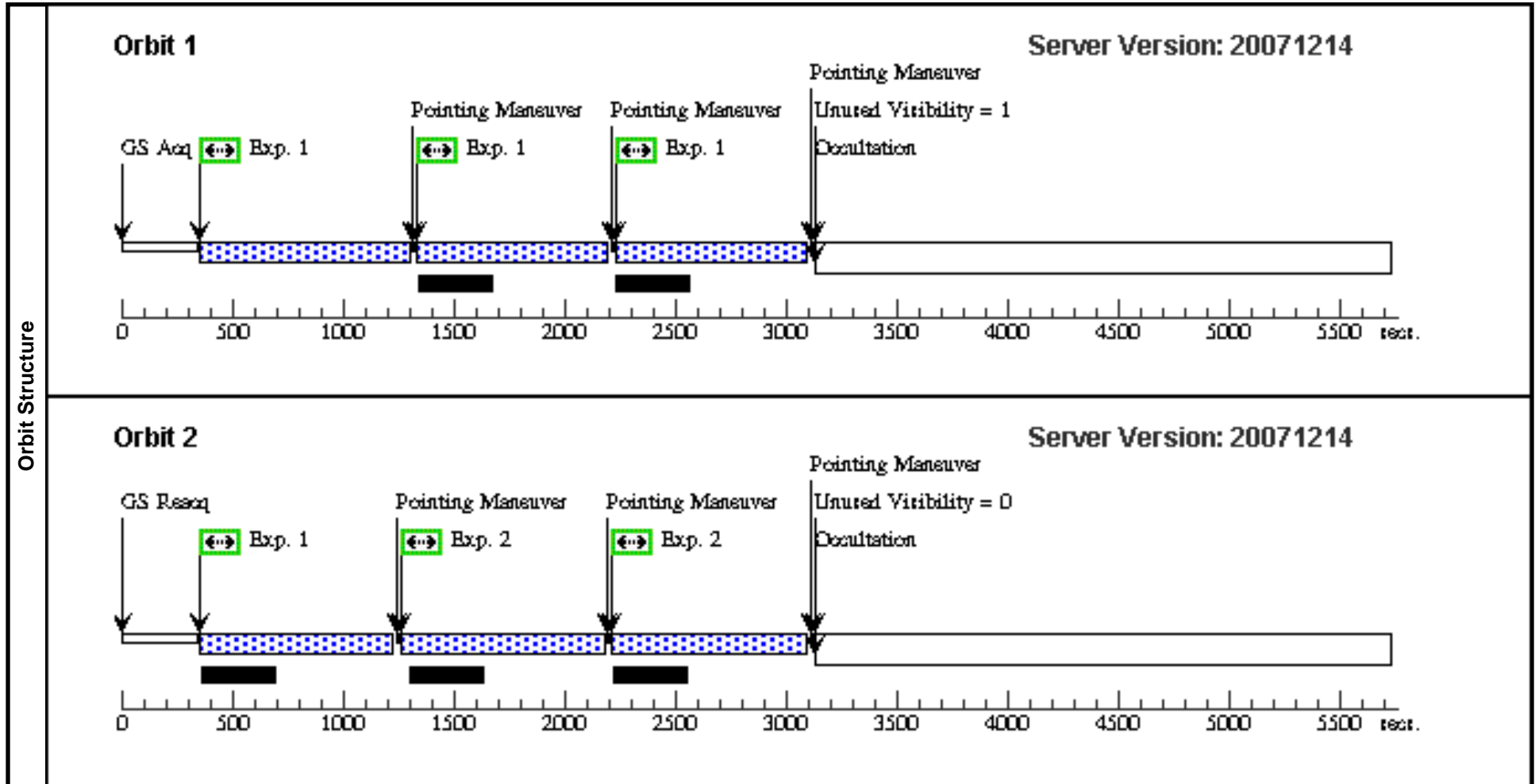


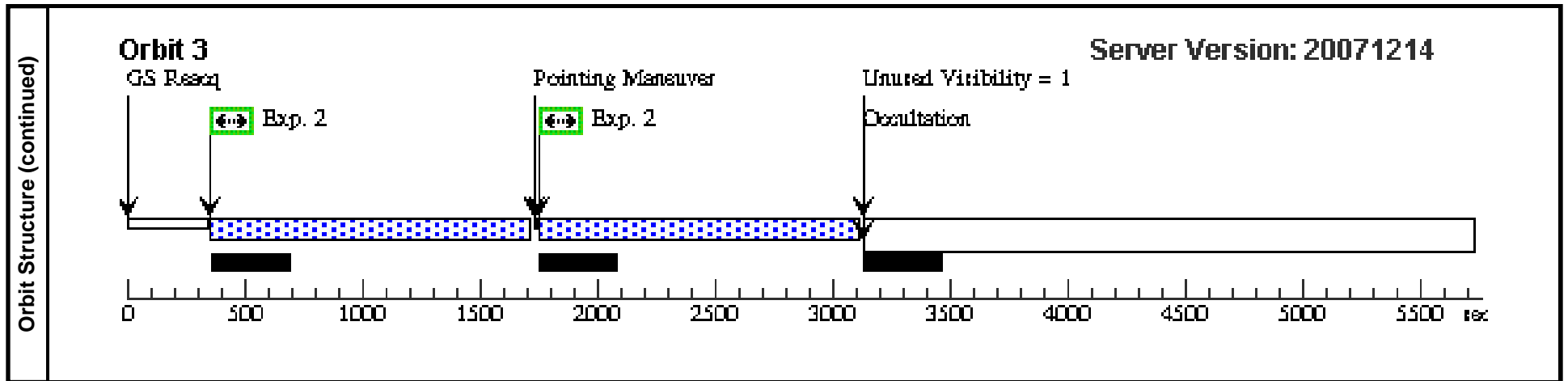


Proposal 10798 - Visit 04 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:34 GMT 2008

Visit	Proposal 10798, Visit 04 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern	Secondary Pattern				Exposures		
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(4)	SDSSJ0955+0101	RA: 09 55 19.7200 (148.8321667d) Dec: +01 01 44.40 (1.02900d) Equinox: J2000			V=18	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) SDSSJ0955+0101 1	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
									[==>742.0 Secs (Pattern 1)]	
									[==>742.0 Secs (Pattern 2)]	[1]
									[==>742.0 Secs (Pattern 3)]	
									[==>750.0 Secs (Pattern 4)]	[2]
2		(4) SDSSJ0955+0101 1	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs		
								[==>760.0 Secs (Pattern 1)]		
								[==>760.0 Secs (Pattern 2)]	[2]	
								[==>1242.0 Secs (Pattern 3)]		
								[==>1242.0 Secs (Pattern 4)]	[3]	

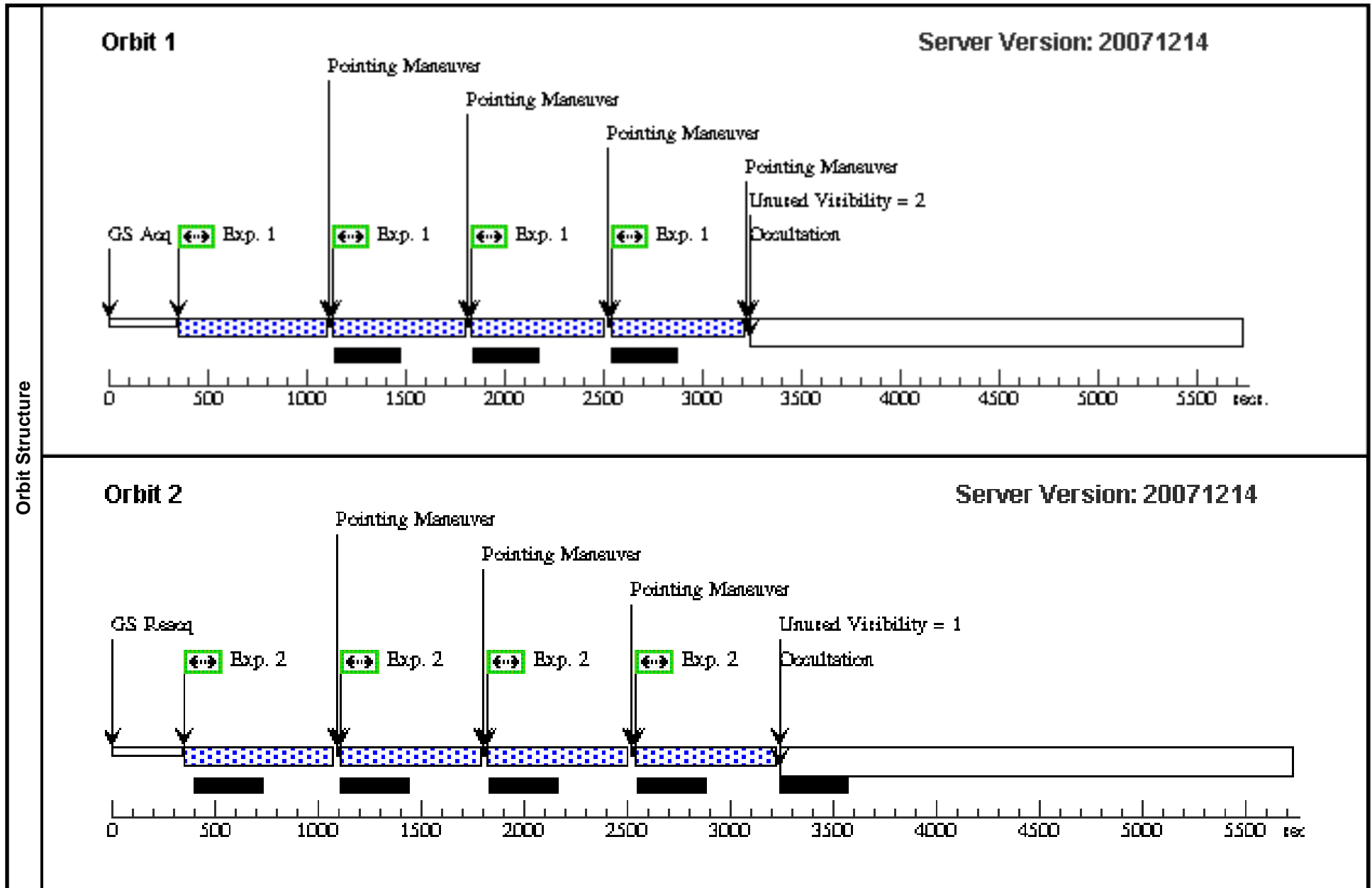




Proposal 10798 - Visit 05 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:35 GMT 2008

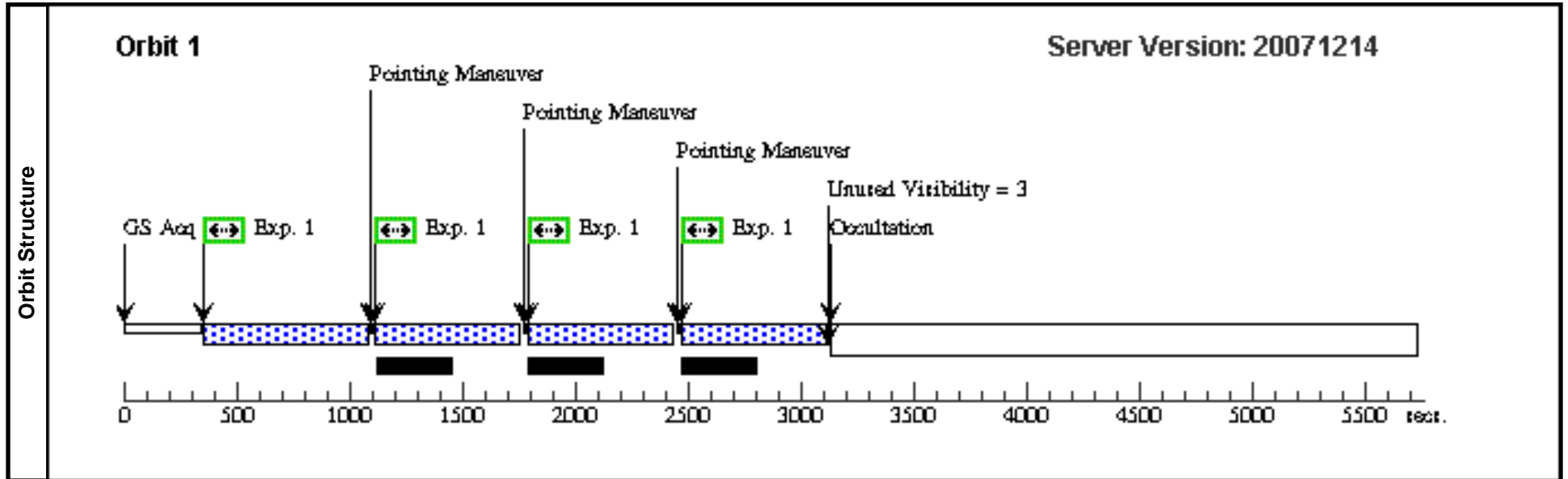
Visit	Proposal 10798, Visit 05 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	SDSSJ1700+6221	RA: 17 00 13.9800 (255.0582500d) Dec: +62 21 9.70 (62.35269d) Equinox: J2000		V=17.6	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) SDSSJ1700+6221 1	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs [==>545.0 Secs (Pattern 1)] [==>545.0 Secs (Pattern 2)] [==>545.0 Secs (Pattern 3)] [==>545.0 Secs (Pattern 4)]	[1]
	2		(5) SDSSJ1700+6221 1	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs [==>561.0 Secs (Pattern 1)] [==>561.0 Secs (Pattern 2)] [==>561.0 Secs (Pattern 3)] [==>561.0 Secs (Pattern 4)]	[2]

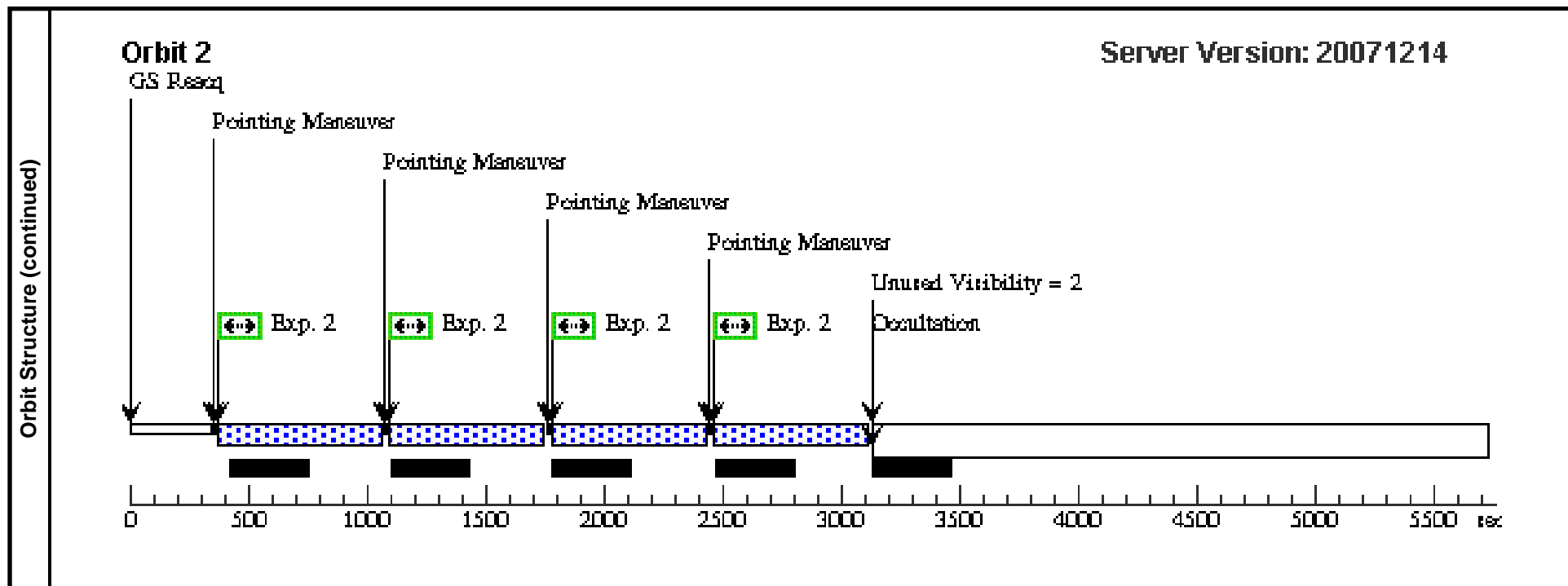


Proposal 10798 - Visit 06 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:35 GMT 2008

Visit	Proposal 10798, Visit 06 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	SDSSJ1143-0144	RA: 11 43 29.6400 (175.8735000d) Dec: -01 44 30.00 (-1.74167d) Equinox: J2000		V=16.4	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(6) SDSSJ1143-0144	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs [==>522.0 Secs (Pattern 1)] [==>522.0 Secs (Pattern 2)] [==>522.0 Secs (Pattern 3)] [==>522.0 Secs (Pattern 4)]	[1]
2		(6) SDSSJ1143-0144	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs [==>528.0 Secs (Pattern 1)] [==>528.0 Secs (Pattern 2)] [==>528.0 Secs (Pattern 3)] [==>528.0 Secs (Pattern 4)]	[2]	

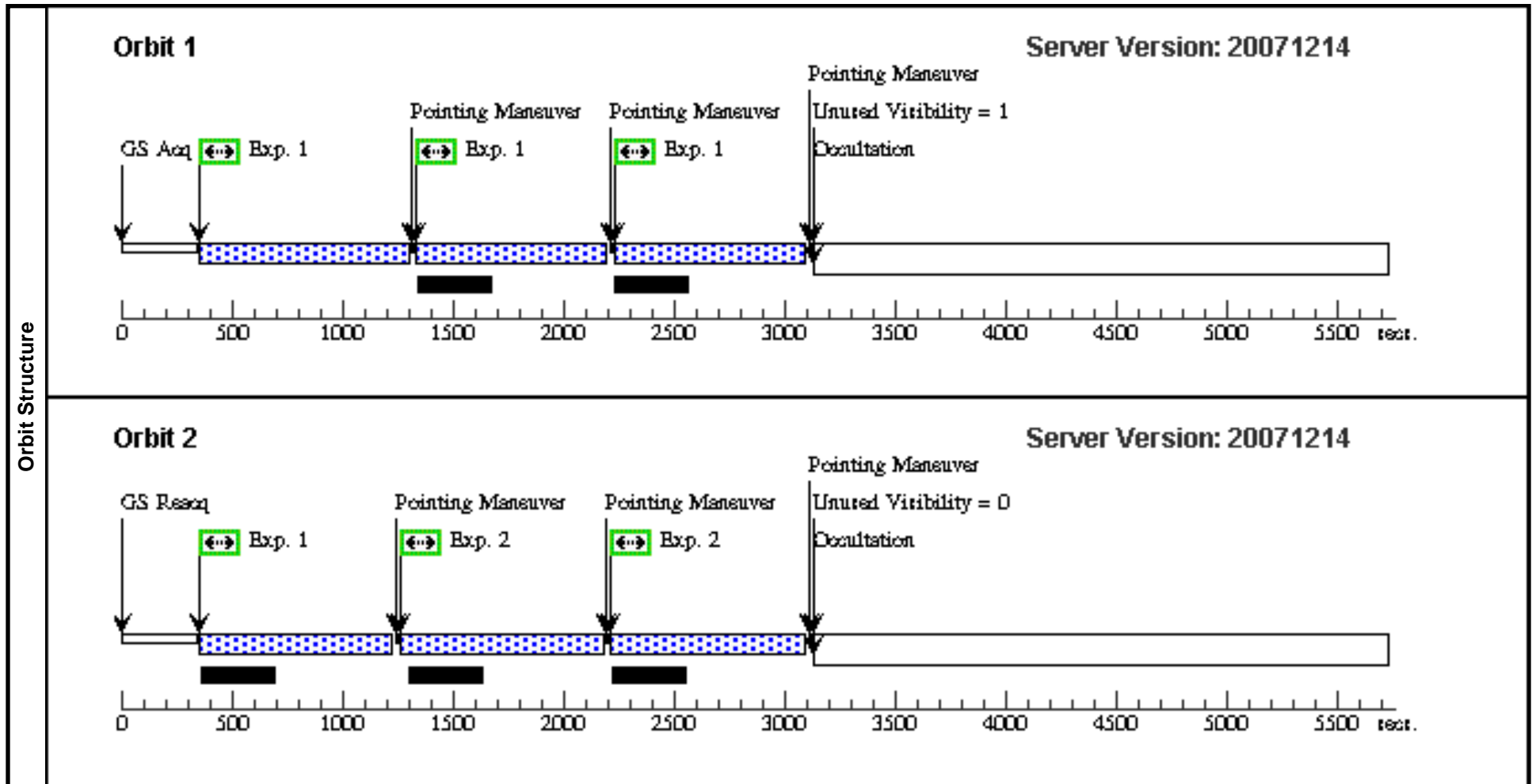


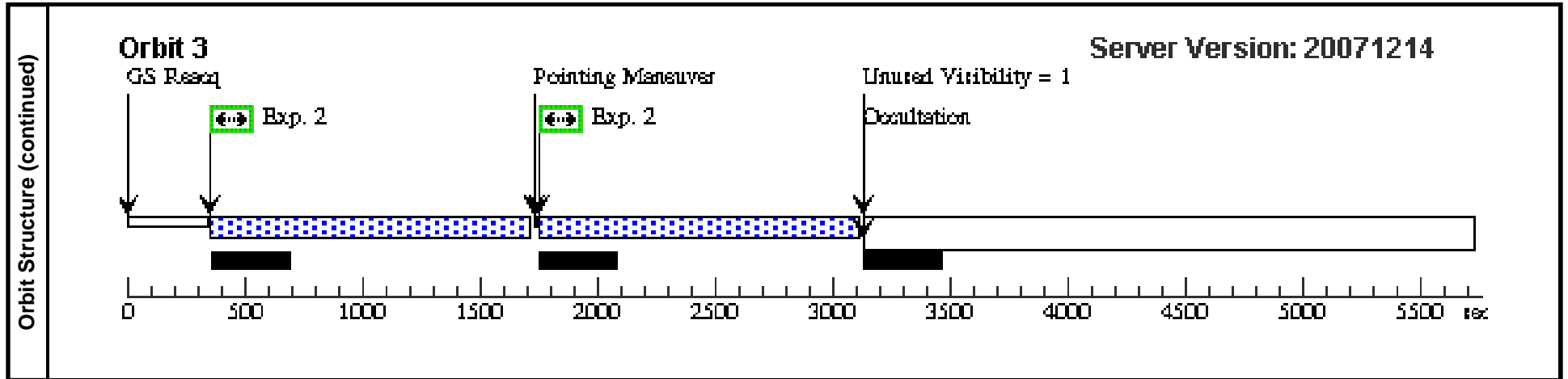


Proposal 10798 - Visit 07 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:36 GMT 2008

Visit	Proposal 10798, Visit 07 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
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		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(7)	SDSSJ1112+0826	RA: 11 12 50.6000 (168.2108333d) Dec: +08 26 10.40 (8.43622d) Equinox: J2000			V=18.4	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) SDSSJ1112+0826 6	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
									[==>742.0 Secs (Pattern 1)]	
									[==>742.0 Secs (Pattern 2)]	[1]
									[==>742.0 Secs (Pattern 3)]	
									[==>750.0 Secs (Pattern 4)]	[2]
2		(7) SDSSJ1112+0826 6	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs		
								[==>760.0 Secs (Pattern 1)]		
								[==>760.0 Secs (Pattern 2)]	[2]	
								[==>1242.0 Secs (Pattern 3)]		
								[==>1242.0 Secs (Pattern 4)]	[3]	

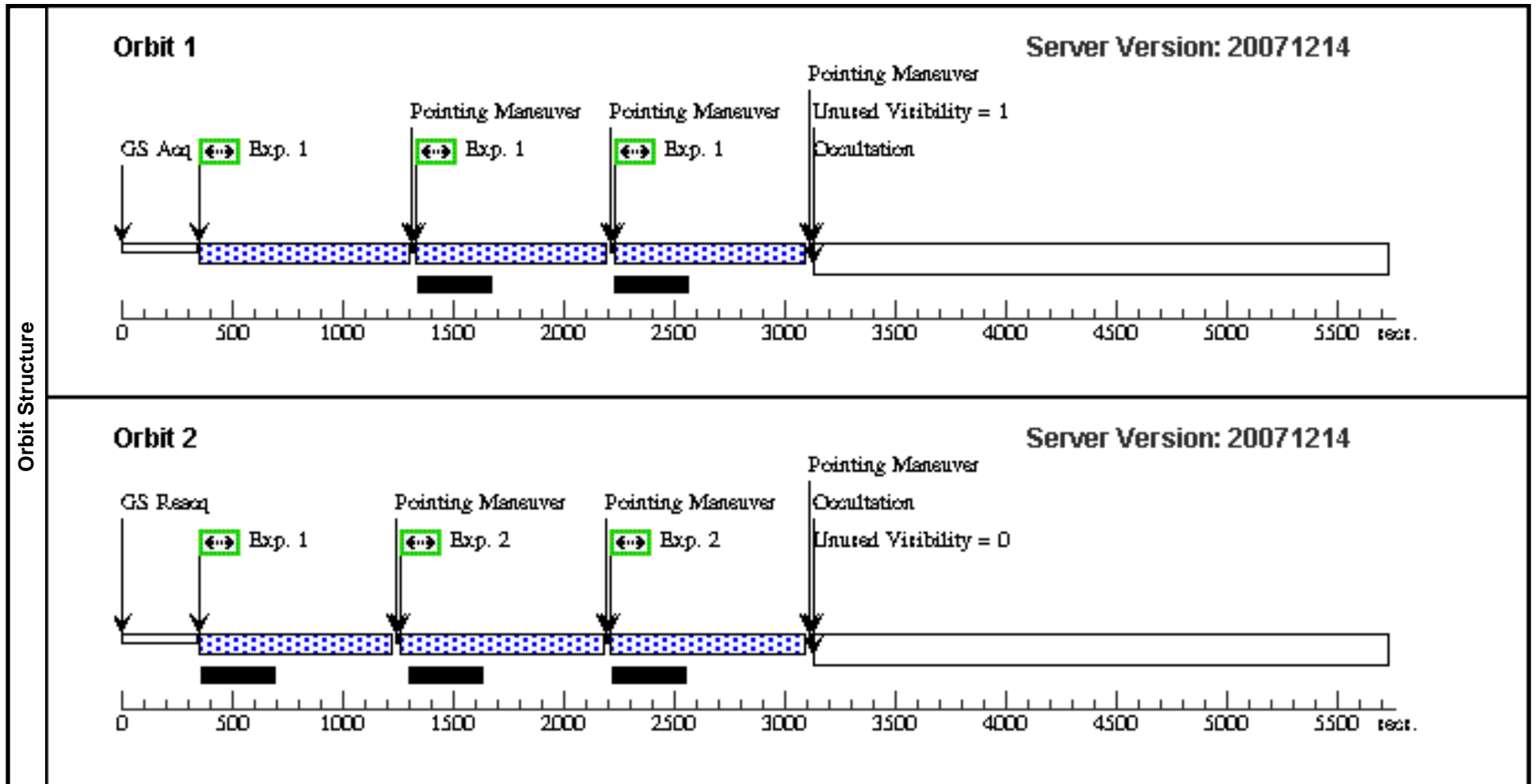


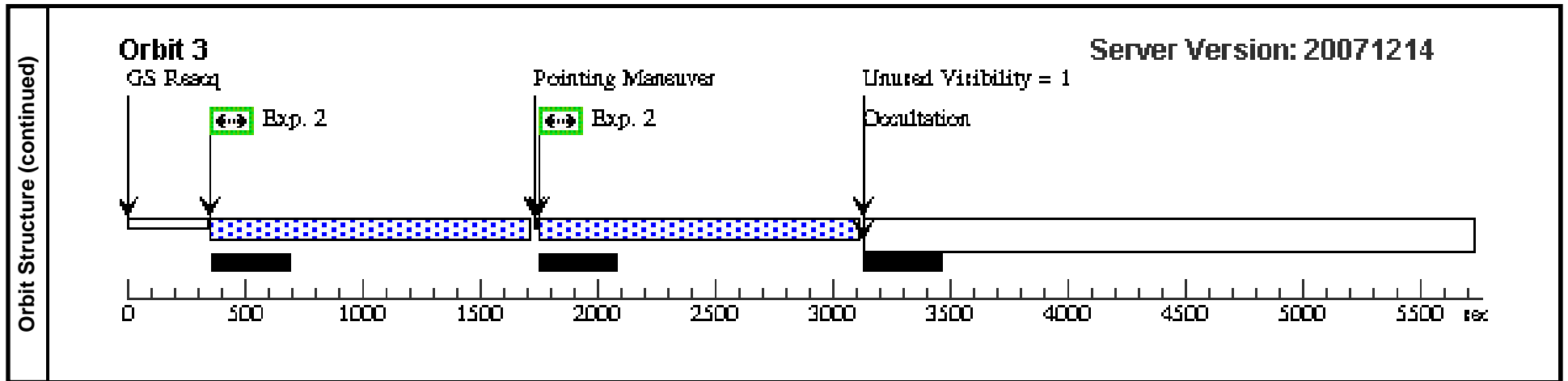


Proposal 10798 - Visit 08 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:36 GMT 2008

Visit	Proposal 10798, Visit 08 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	SDSSJ0044+0113	RA: 00 44 2.9000 (11.0120833d) Dec: +01 13 12.50 (1.22014d) Equinox: J2000		V=16.3	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(8) SDSSJ0044+0113 3	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
									[==>742.0 Secs (Pattern 1)]	
									[==>742.0 Secs (Pattern 2)]	[1]
									[==>742.0 Secs (Pattern 3)]	
									[==>750.0 Secs (Pattern 4)]	[2]
2		(8) SDSSJ0044+0113 3	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs		
								[==>760.0 Secs (Pattern 1)]		
								[==>760.0 Secs (Pattern 2)]	[2]	
								[==>1242.0 Secs (Pattern 3)]		
								[==>1242.0 Secs (Pattern 4)]	[3]	

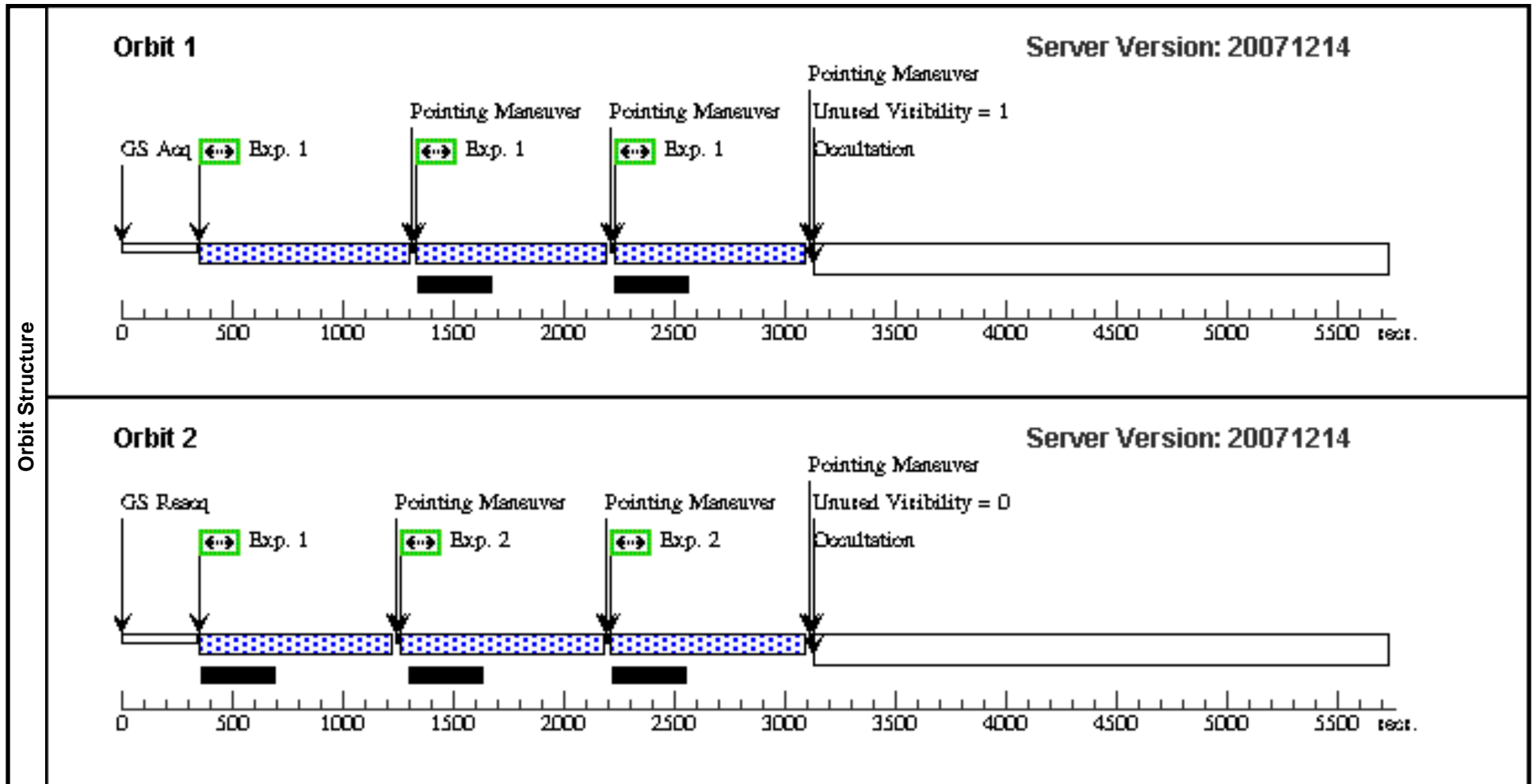


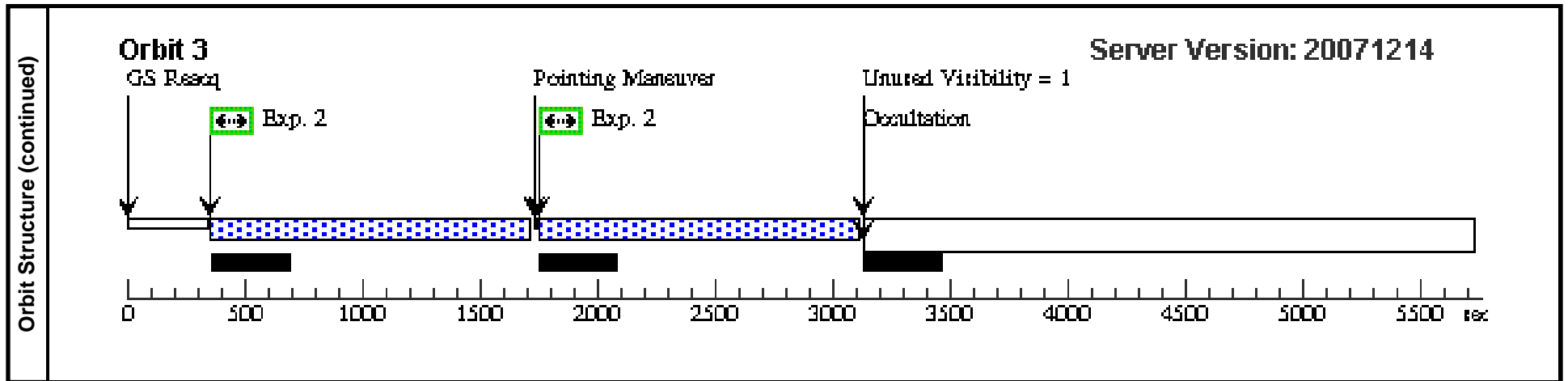


Proposal 10798 - Visit 09 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:37 GMT 2008

Visit	Proposal 10798, Visit 09 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(9)	SDSSJ2302-0840	RA: 23 02 20.1800 (345.5840833d) Dec: -08 40 49.40 (-8.68039d) Equinox: J2000			V=16.3	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(9) SDSSJ2302-0840	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
									[==>742.0 Secs (Pattern 1)]	
									[==>742.0 Secs (Pattern 2)]	[1]
									[==>742.0 Secs (Pattern 3)]	
									[==>750.0 Secs (Pattern 4)]	[2]
2		(9) SDSSJ2302-0840	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs		
								[==>760.0 Secs (Pattern 1)]		
								[==>760.0 Secs (Pattern 2)]	[2]	
								[==>1242.0 Secs (Pattern 3)]		
								[==>1242.0 Secs (Pattern 4)]	[3]	

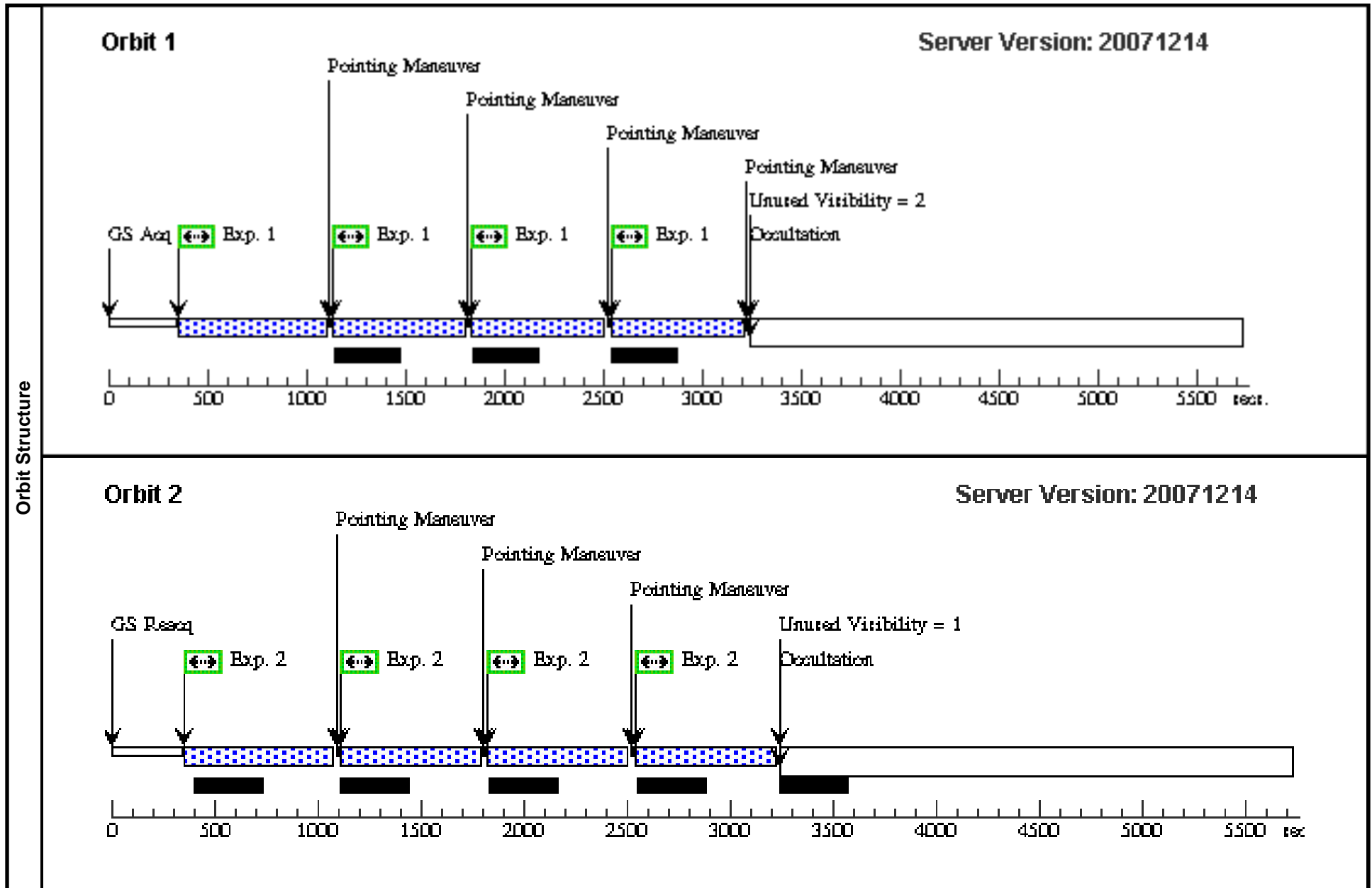




Proposal 10798 - Visit 10 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:39 GMT 2008

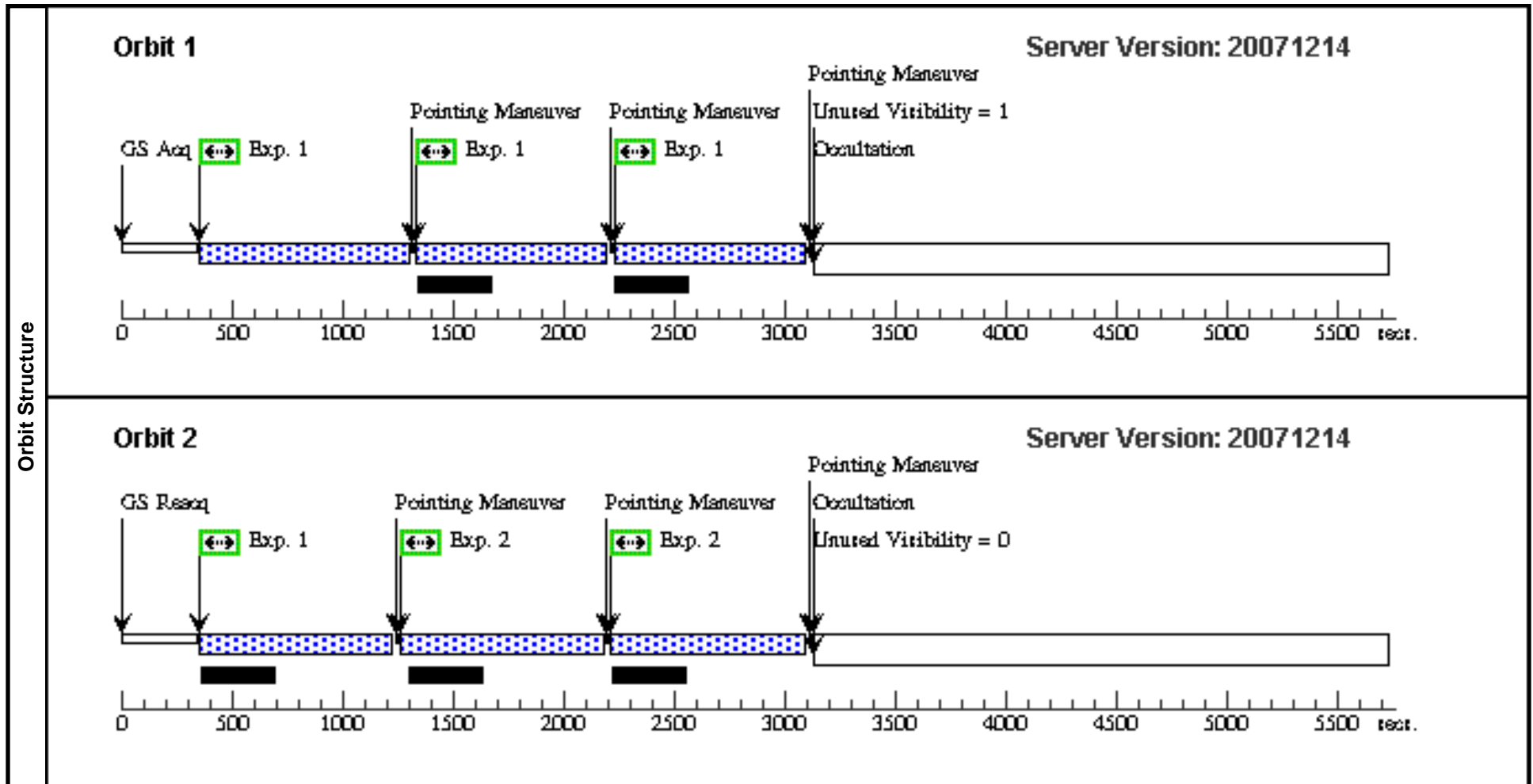
Visit	Proposal 10798, Visit 10 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(10)	SDSSJ1029+6115	RA: 10 29 27.5400 (157.3647500d) Dec: +61 15 5.10 (61.25142d) Equinox: J2000			V=16.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(10) SDSSJ1029+6115	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs [==>545.0 Secs (Pattern 1)] [==>545.0 Secs (Pattern 2)] [==>545.0 Secs (Pattern 3)] [==>545.0 Secs (Pattern 4)]	[1]
2		(10) SDSSJ1029+6115	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs [==>561.0 Secs (Pattern 1)] [==>561.0 Secs (Pattern 2)] [==>561.0 Secs (Pattern 3)] [==>561.0 Secs (Pattern 4)]	[2]	

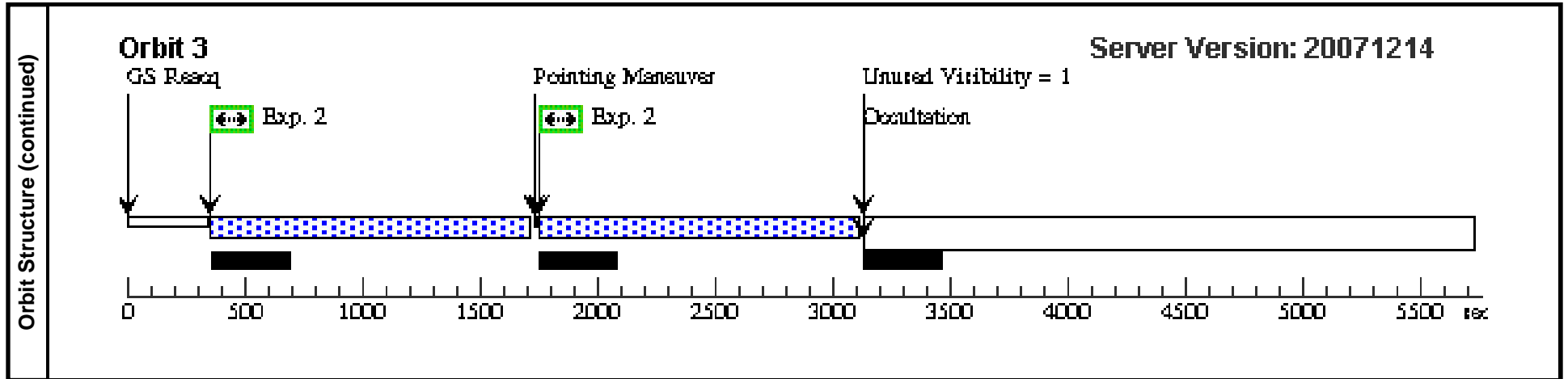


Proposal 10798 - Visit 11 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:39 GMT 2008

Visit	Proposal 10798, Visit 11 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	SDSSJ1250-0135	RA: 12 50 50.5200 (192.7105000d) Dec: -01 35 31.60 (-1.59211d) Equinox: J2000		V=16.7	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) SDSSJ1250-0135	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
		5							[==>742.0 Secs (Pattern 1)]	
									[==>742.0 Secs (Pattern 2)]	[1]
									[==>742.0 Secs (Pattern 3)]	
									[==>750.0 Secs (Pattern 4)]	[2]
2		(11) SDSSJ1250-0135	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs		
	5							[==>760.0 Secs (Pattern 1)]		
								[==>760.0 Secs (Pattern 2)]	[2]	
								[==>1242.0 Secs (Pattern 3)]		
								[==>1242.0 Secs (Pattern 4)]	[3]	

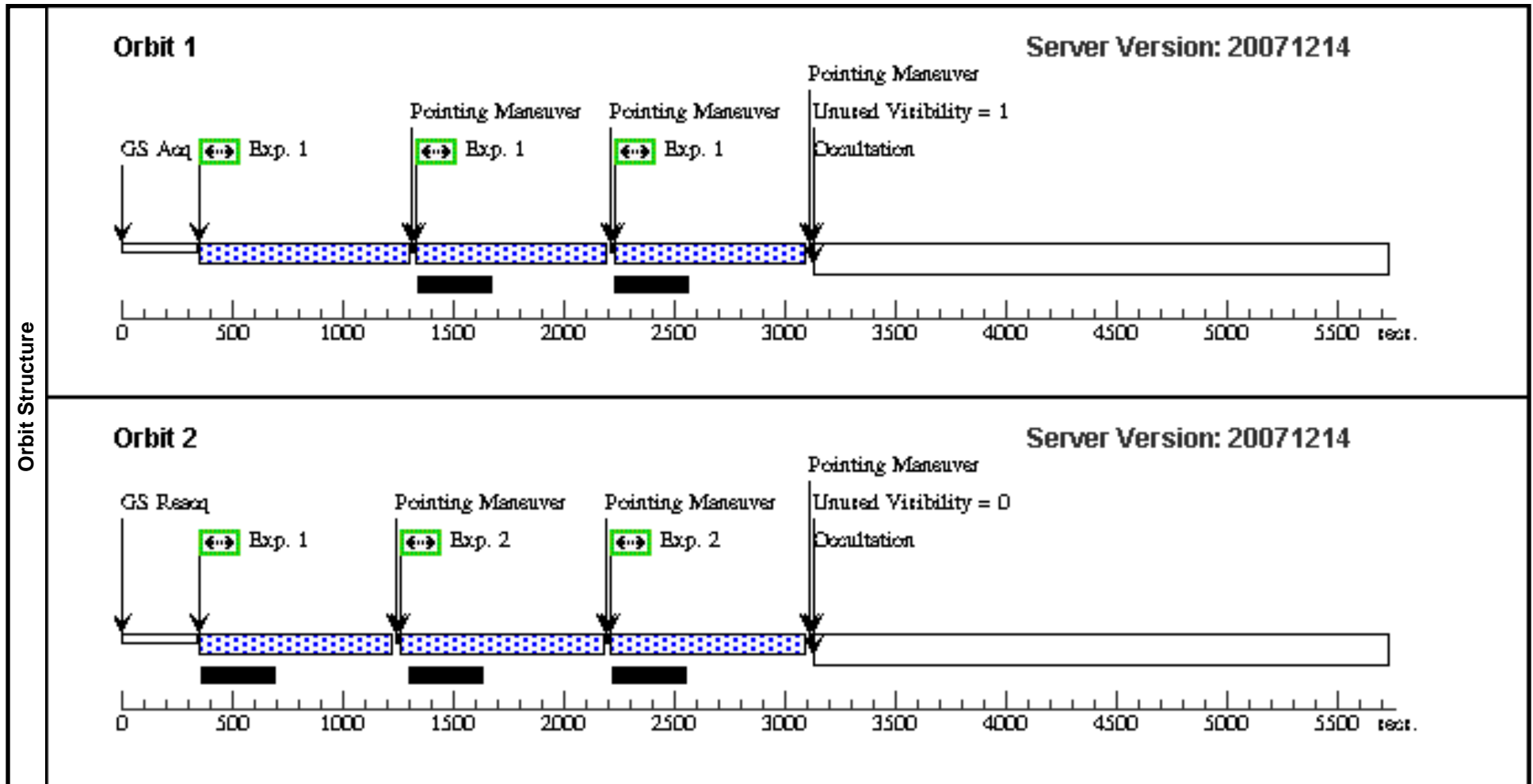


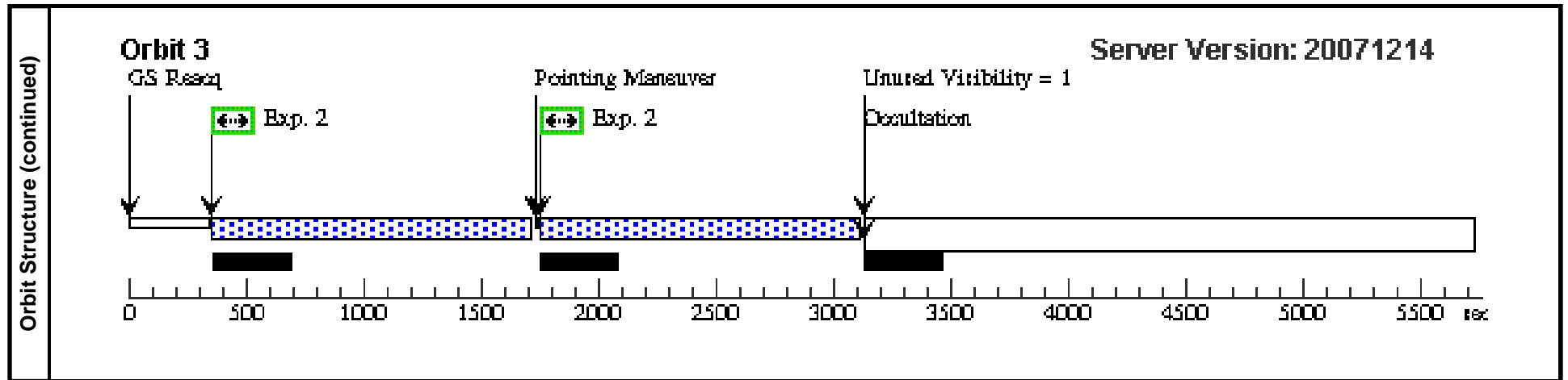


Proposal 10798 - Visit 12 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:40 GMT 2008

Visit	Proposal 10798, Visit 12 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(12)	SDSSJ0935-0003	RA: 09 35 43.9300 (143.9330417d) Dec: -00 03 34.80 (-.05967d) Equinox: J2000		V=17.6	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(12) SDSSJ0935-0003	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
									[==>742.0 Secs (Pattern 1)]	
									[==>742.0 Secs (Pattern 2)]	[1]
									[==>742.0 Secs (Pattern 3)]	
									[==>750.0 Secs (Pattern 4)]	[2]
2		(12) SDSSJ0935-0003	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs		
								[==>760.0 Secs (Pattern 1)]		
								[==>760.0 Secs (Pattern 2)]	[2]	
								[==>1242.0 Secs (Pattern 3)]		
								[==>1242.0 Secs (Pattern 4)]	[3]	

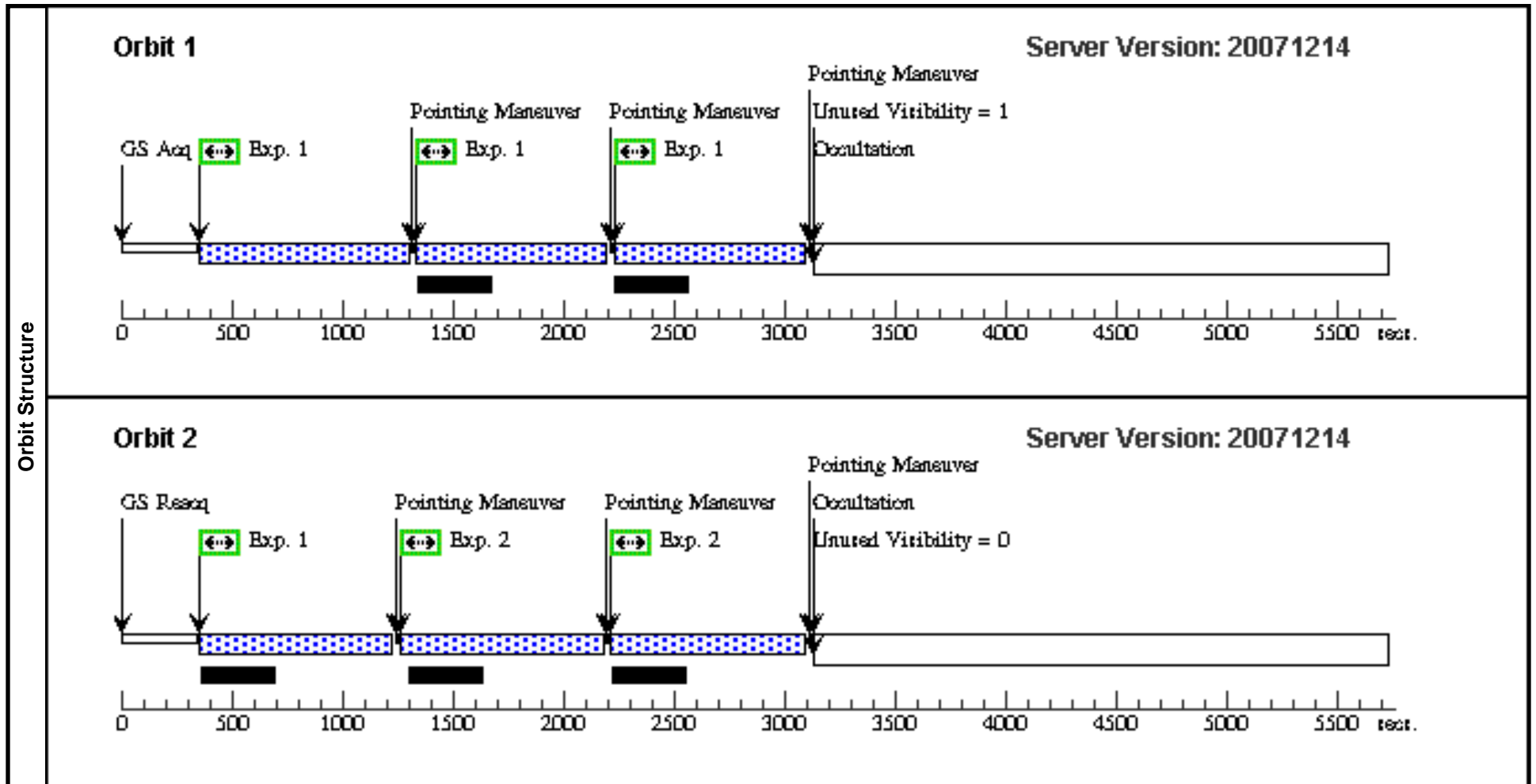


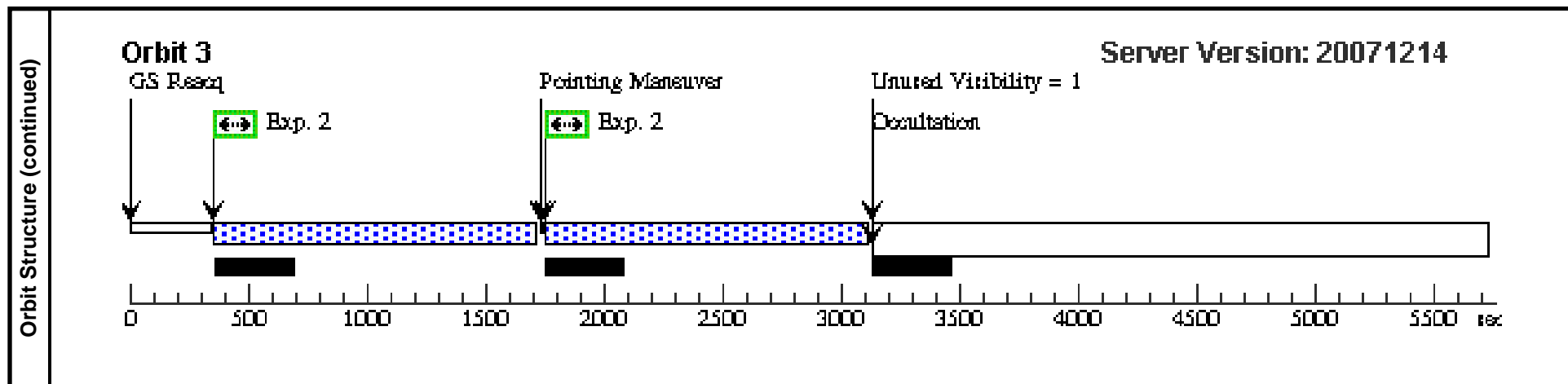


Proposal 10798 - Visit 13 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:40 GMT 2008

Visit	Proposal 10798, Visit 13 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	SDSSJ1403+0006	RA: 14 03 29.4900 (210.8728750d) Dec: +00 06 41.40 (.11150d) Equinox: J2000		V=18.1	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(13) SDSSJ1403+0006	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
									[==>742.0 Secs (Pattern 1)]	
									[==>742.0 Secs (Pattern 2)]	[1]
									[==>742.0 Secs (Pattern 3)]	
									[==>750.0 Secs (Pattern 4)]	[2]
2		(13) SDSSJ1403+0006	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs		
								[==>760.0 Secs (Pattern 1)]		
								[==>760.0 Secs (Pattern 2)]	[2]	
								[==>1242.0 Secs (Pattern 3)]		
								[==>1242.0 Secs (Pattern 4)]	[3]	

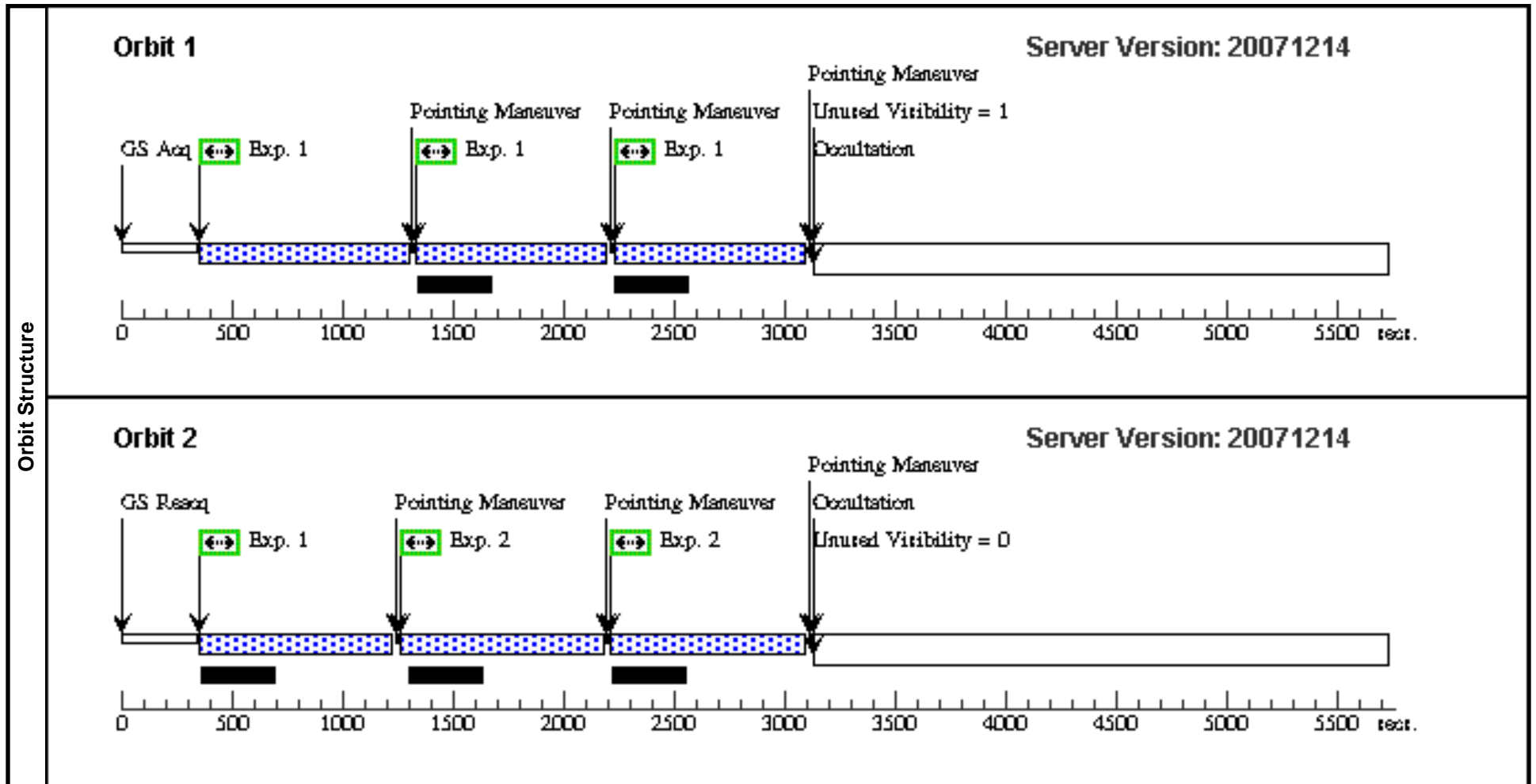


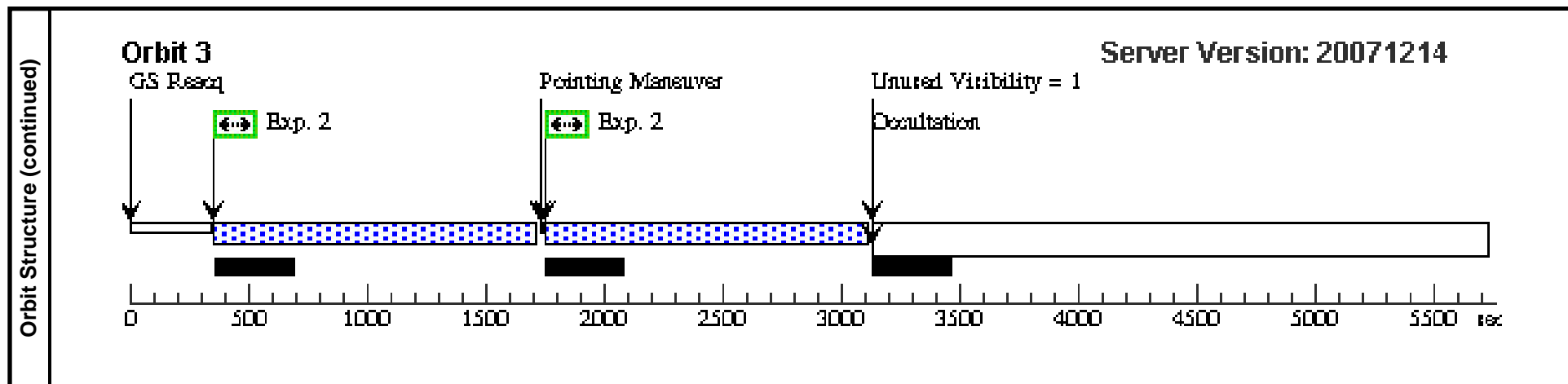


Proposal 10798 - Visit 14 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:40 GMT 2008

Visit	Proposal 10798, Visit 14 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	SDSSJ1204+0358	RA: 12 04 44.0700 (181.1836250d) Dec: +03 58 6.30 (3.96842d) Equinox: J2000		V=17.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) SDSSJ1204+0358	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
									[==>742.0 Secs (Pattern 1)]	
									[==>742.0 Secs (Pattern 2)]	[1]
									[==>742.0 Secs (Pattern 3)]	
									[==>750.0 Secs (Pattern 4)]	[2]
2		(14) SDSSJ1204+0358	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs		
								[==>760.0 Secs (Pattern 1)]		
								[==>760.0 Secs (Pattern 2)]	[2]	
								[==>1242.0 Secs (Pattern 3)]		
								[==>1242.0 Secs (Pattern 4)]	[3]	

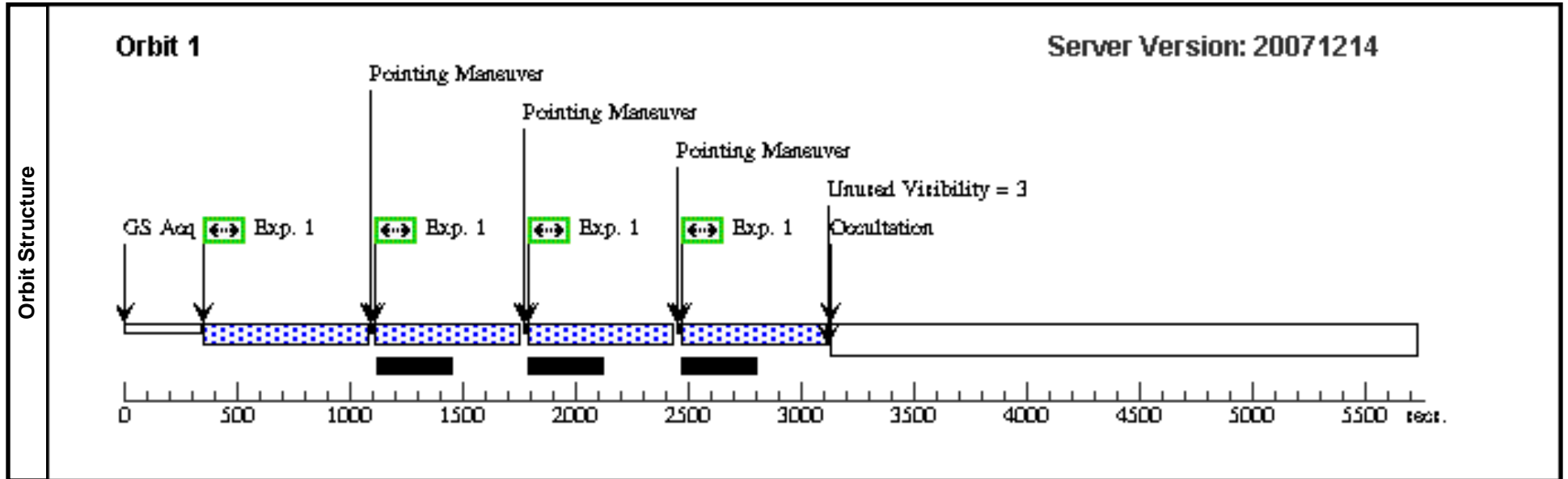


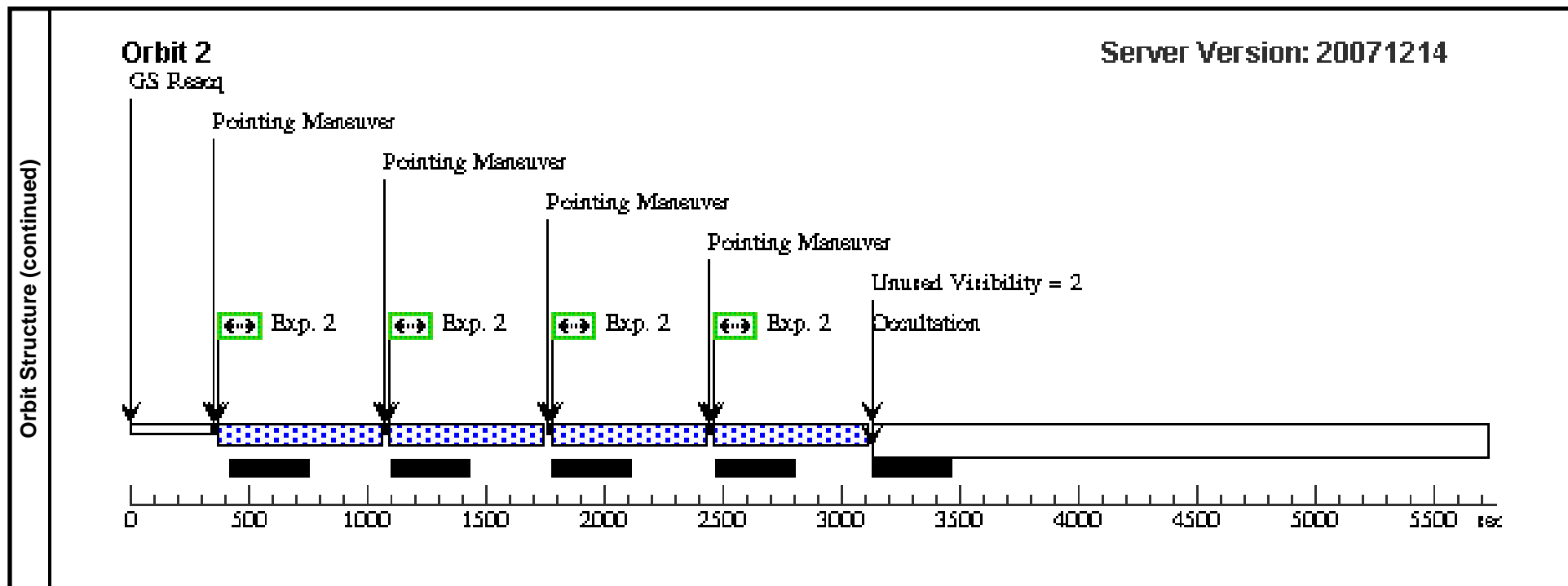


Proposal 10798 - Visit 15 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:41 GMT 2008

Visit	Proposal 10798, Visit 15 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
(1)		Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	SDSSJ1451-0239	RA: 14 51 28.1900 (222.8674583d) Dec: -02 39 36.40 (-2.66011d) Equinox: J2000		V=16.7	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(15) SDSSJ1451-0239	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
			9						[==>522.0 Secs (Pattern 1)] [==>522.0 Secs (Pattern 2)] [==>522.0 Secs (Pattern 3)] [==>522.0 Secs (Pattern 4)]	[1]
	2		(15) SDSSJ1451-0239	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	550.0 Secs	
			9					[==>528.0 Secs (Pattern 1)] [==>528.0 Secs (Pattern 2)] [==>528.0 Secs (Pattern 3)] [==>528.0 Secs (Pattern 4)]	[2]	

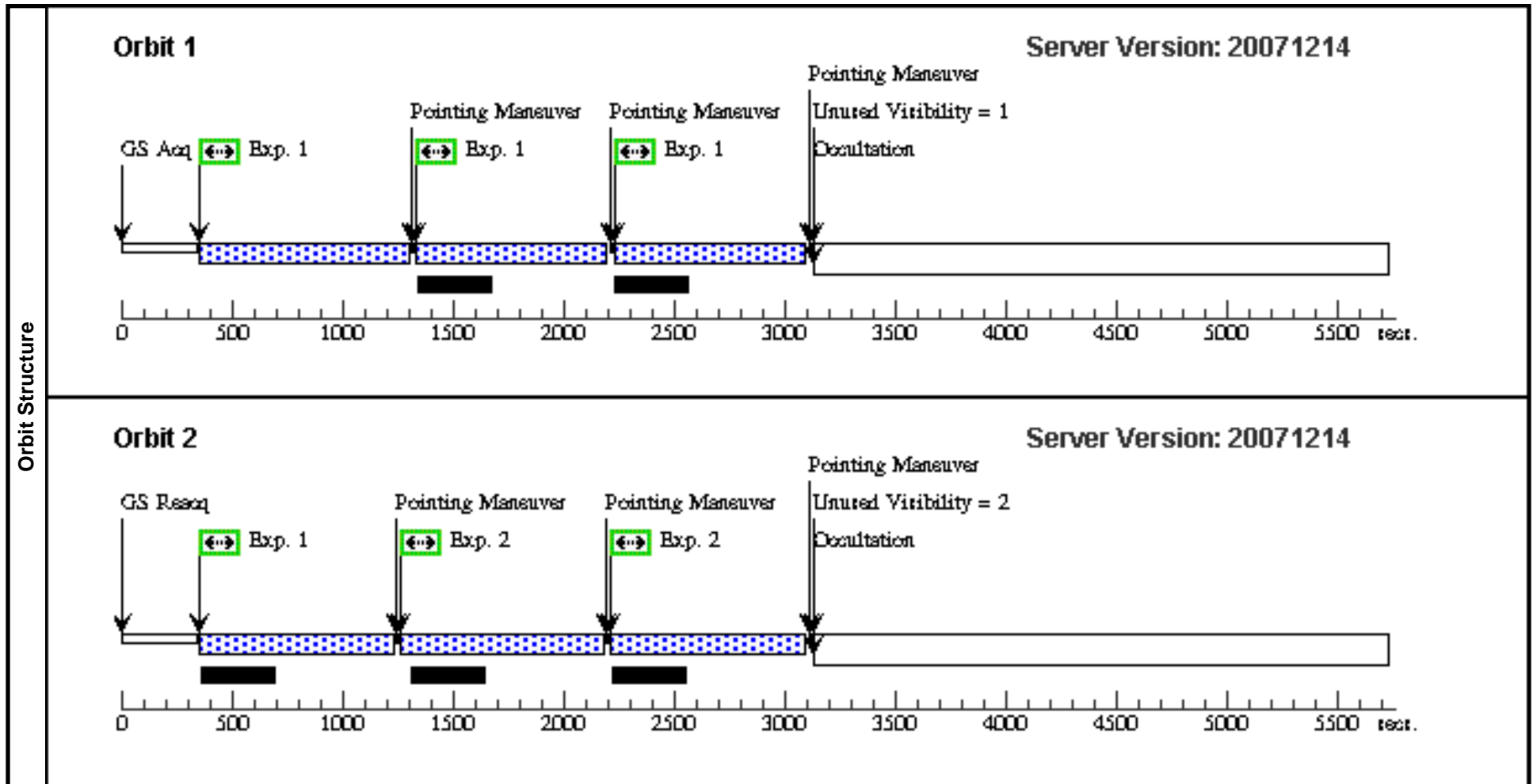


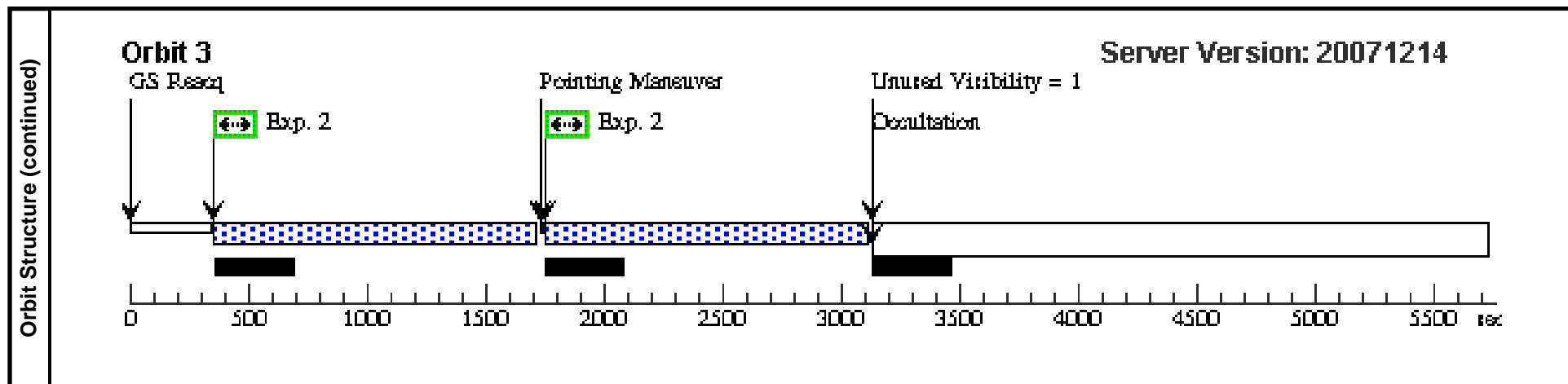


Proposal 10798 - Visit 16 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:41 GMT 2008

Visit	Proposal 10798, Visit 16 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	SDSSJ0037-0942	RA: 00 37 53.2100 (9.4717083d) Dec: -09 42 20.10 (-9.70558d) Equinox: J2000		V=16.9	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(16) SDSSJ0037-0942	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
		2							[==>742.0 Secs (Pattern 1)]	
									[==>742.0 Secs (Pattern 2)]	[1]
									[==>742.0 Secs (Pattern 3)]	
									[==>756.0 Secs (Pattern 4)]	[2]
2		(16) SDSSJ0037-0942	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	540.0 Secs		
	2							[==>756.0 Secs (Pattern 1)]		
								[==>756.0 Secs (Pattern 2)]	[2]	
								[==>1242.0 Secs (Pattern 3)]		
								[==>1242.0 Secs (Pattern 4)]	[3]	

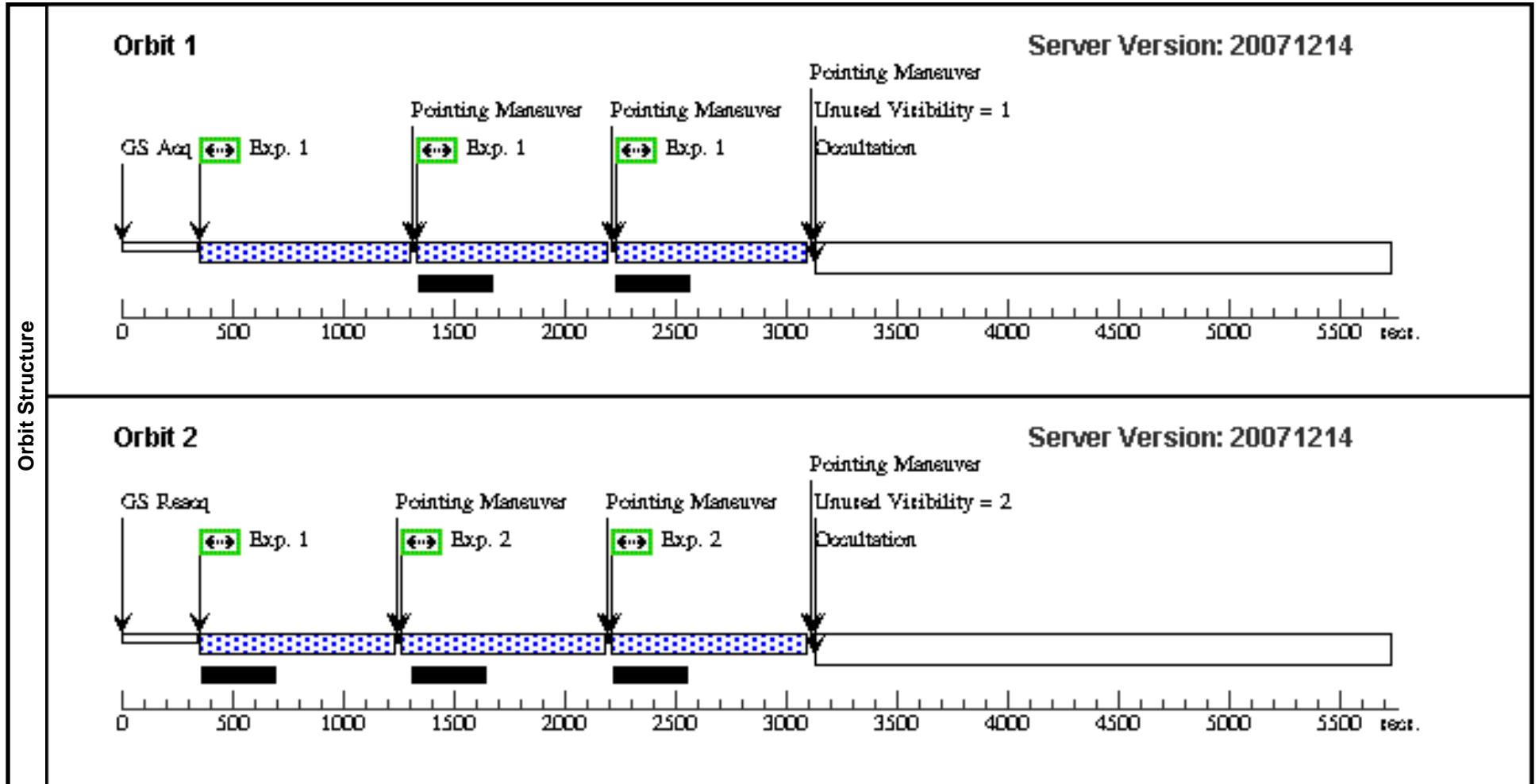


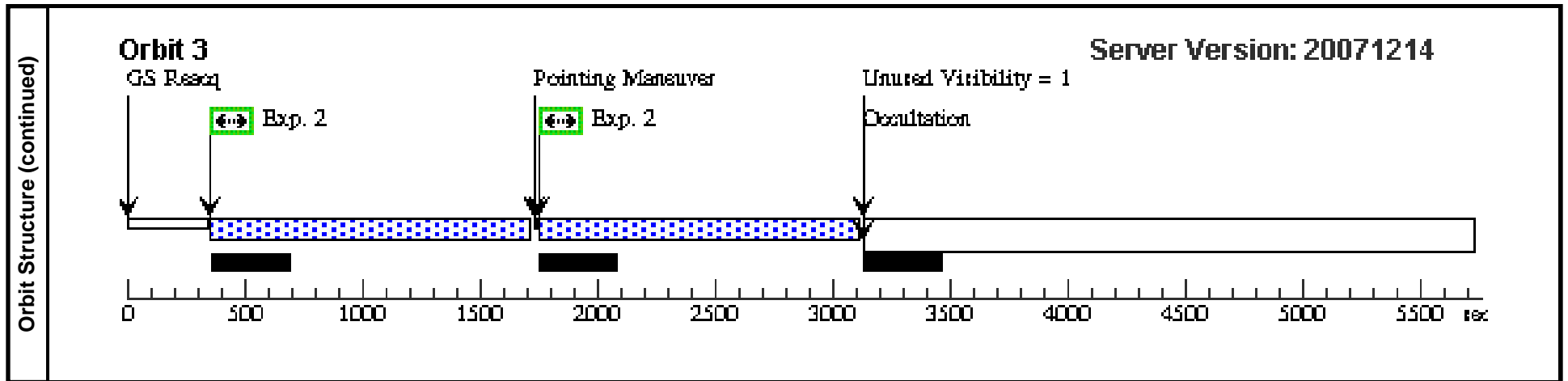


Proposal 10798 - Visit 17 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:42 GMT 2008

Visit	Proposal 10798, Visit 17 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(17)	SDSSJ1531-0105	RA: 15 31 50.0700 (232.9586250d) Dec: -01 05 45.70 (-1.09603d) Equinox: J2000		V=17.3	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(17) SDSSJ1531-0105	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs	
			5						[==>742.0 Secs (Pattern 1)]	
									[==>742.0 Secs (Pattern 2)]	[1]
									[==>742.0 Secs (Pattern 3)]	
									[==>756.0 Secs (Pattern 4)]	[2]
2		(17) SDSSJ1531-0105	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	540.0 Secs		
		5						[==>756.0 Secs (Pattern 1)]		
								[==>756.0 Secs (Pattern 2)]	[2]	
								[==>1242.0 Secs (Pattern 3)]		
								[==>1242.0 Secs (Pattern 4)]	[3]	

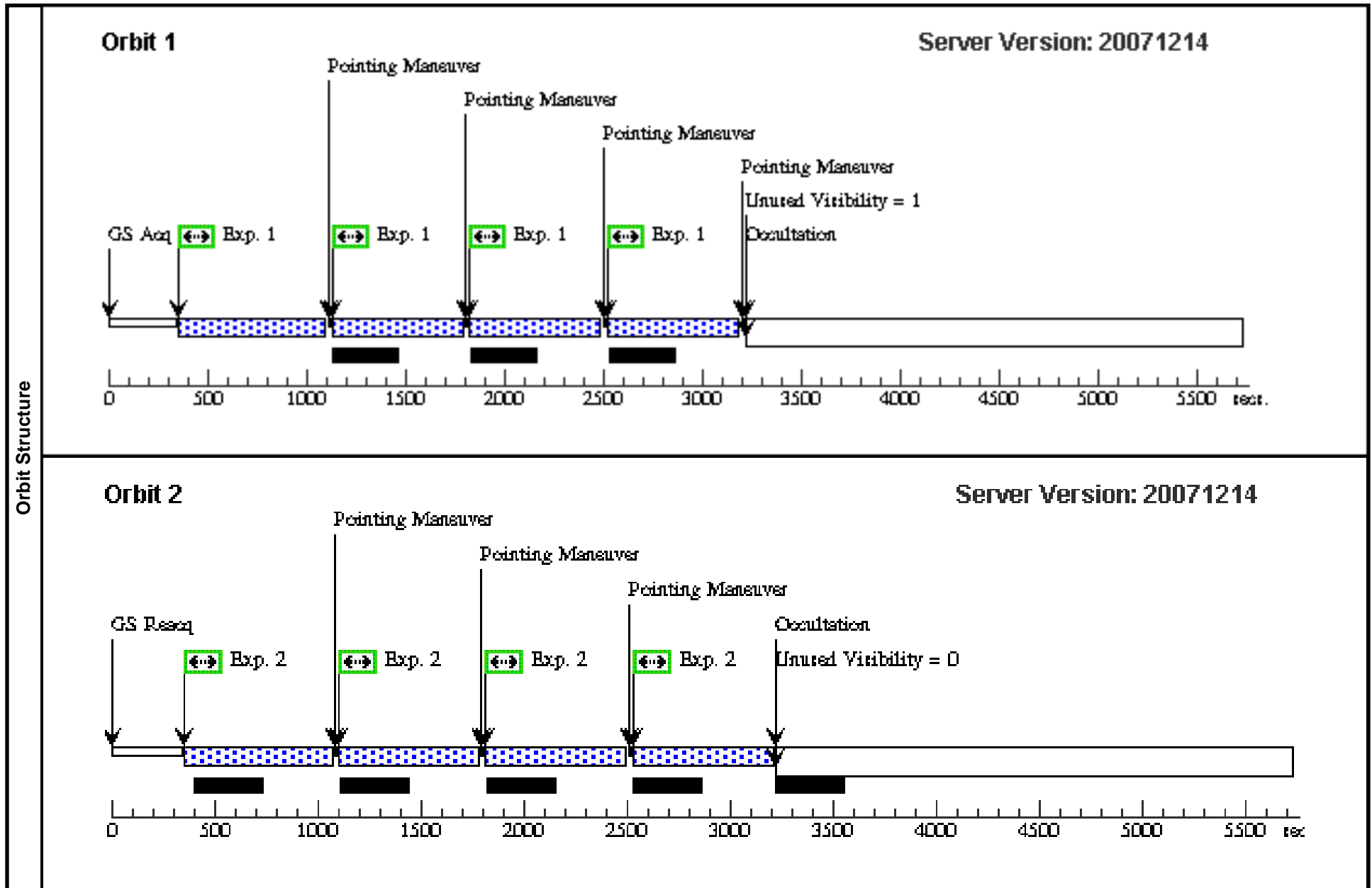




Proposal 10798 - Visit 18 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:43 GMT 2008

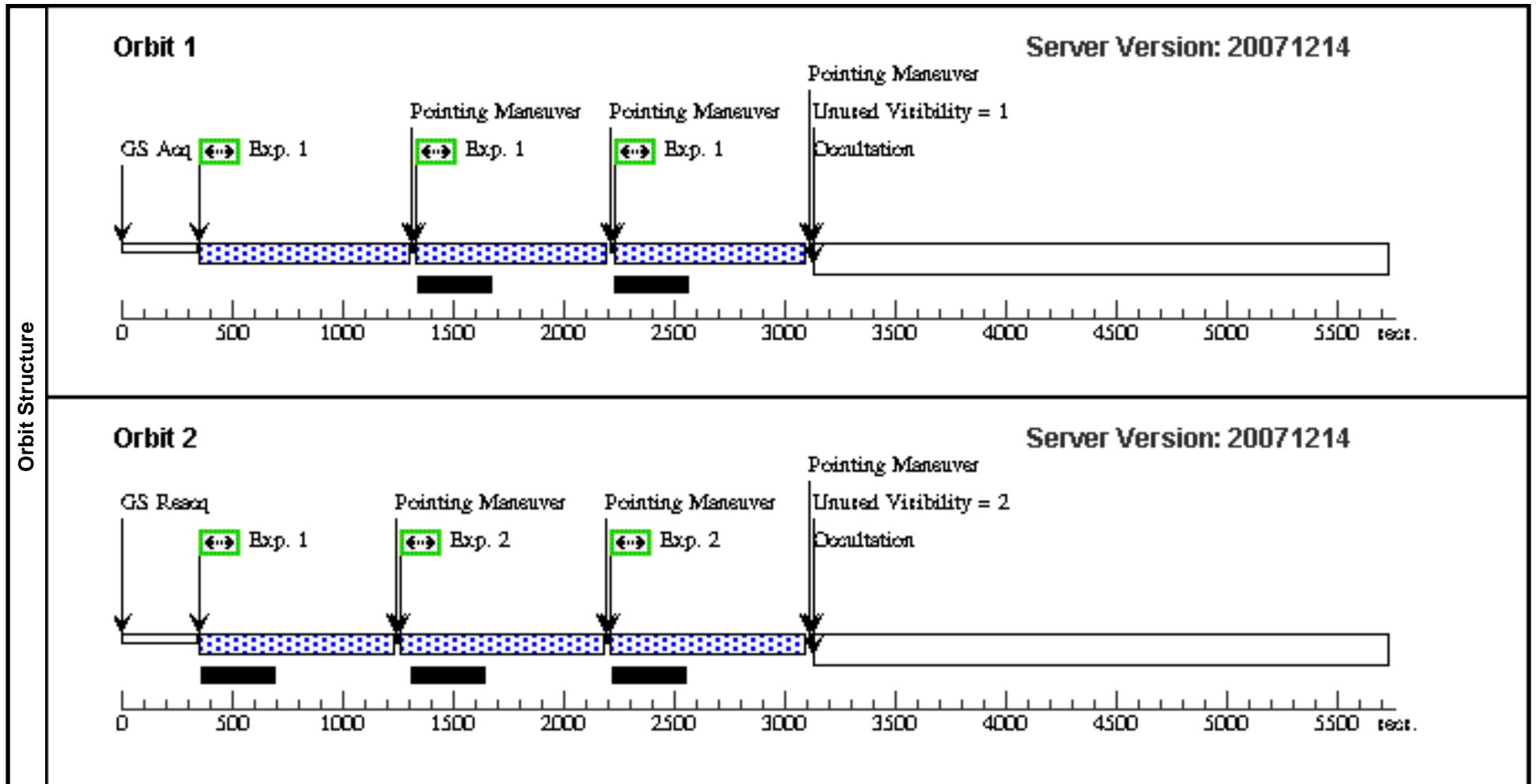
Visit	Proposal 10798, Visit 18 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(18)	SDSSJ1538+5817	RA: 15 38 12.9200 (234.5538333d) Dec: +58 17 9.80 (58.28606d) Equinox: J2000		V=17.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(18) SDSSJ1538+5817	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
2		(18) SDSSJ1538+5817	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	540.0 Secs [==>556.0 Secs (Pattern 1)] [==>556.0 Secs (Pattern 2)] [==>556.0 Secs (Pattern 3)] [==>556.0 Secs (Pattern 4)]	[2]	

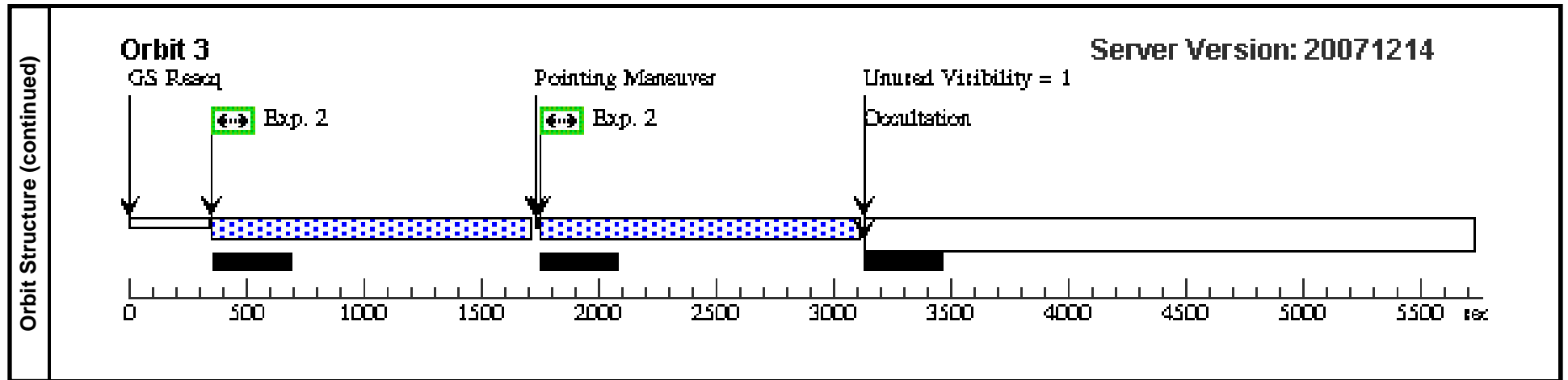


Proposal 10798 - Visit 19 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:43 GMT 2008

Visit	Proposal 10798, Visit 19 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true				(1), (2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(19)	SDSSJ1436-0000	RA: 14 36 27.5400 (219.1147500d) Dec: -00 00 29.20 (-.00811d) Equinox: J2000			V=18.4	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(19) SDSSJ1436-0000	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs		
			0						[==>742.0 Secs (Pattern 1)]		
									[==>742.0 Secs (Pattern 2)]		[1]
									[==>742.0 Secs (Pattern 3)]		
									[==>756.0 Secs (Pattern 4)]		[2]
2		(19) SDSSJ1436-0000	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	540.0 Secs			
		0						[==>756.0 Secs (Pattern 1)]			
								[==>756.0 Secs (Pattern 2)]		[2]	
								[==>1242.0 Secs (Pattern 3)]			
								[==>1242.0 Secs (Pattern 4)]		[3]	

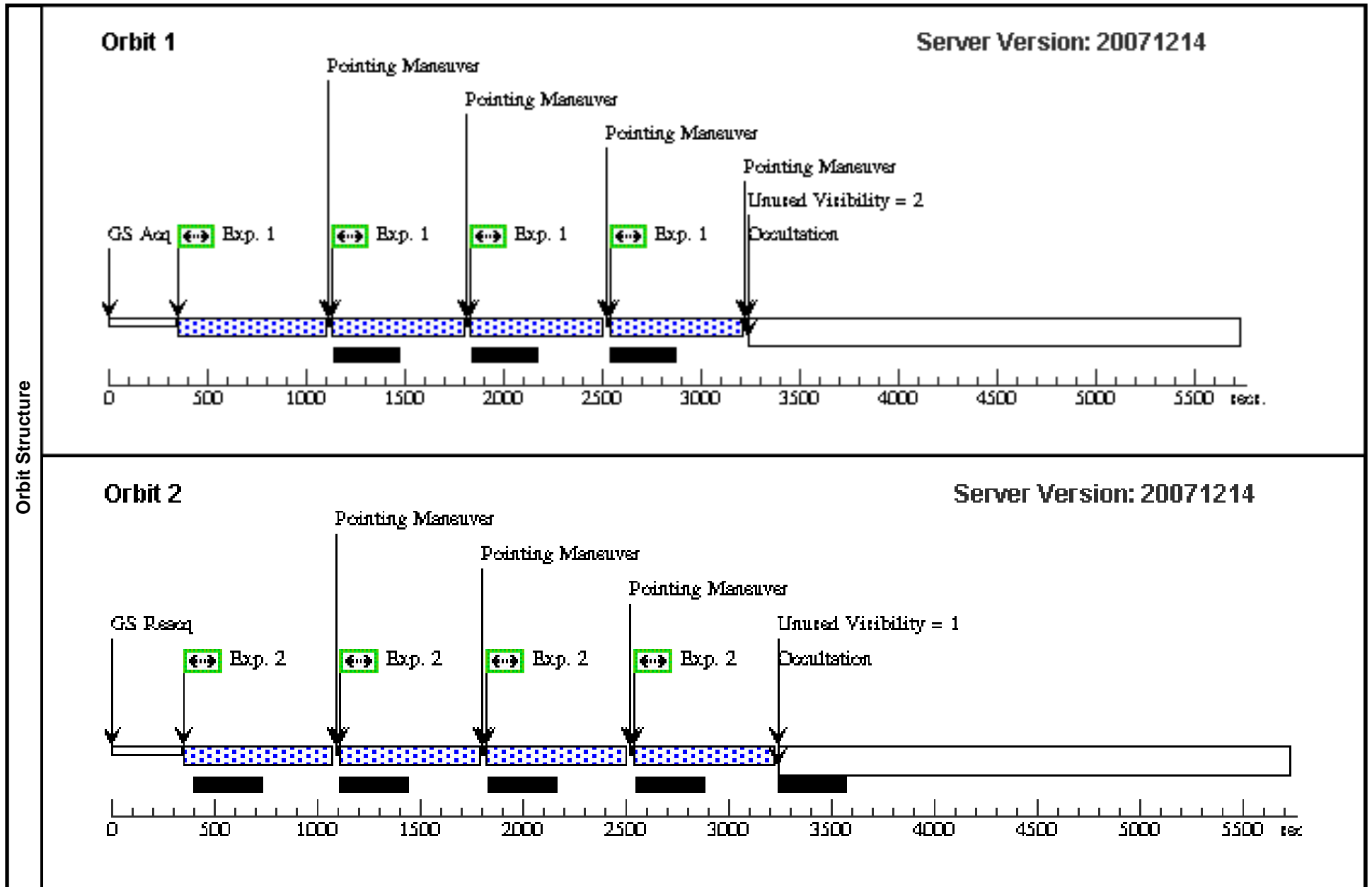




Proposal 10798 - Visit 20 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:43 GMT 2008

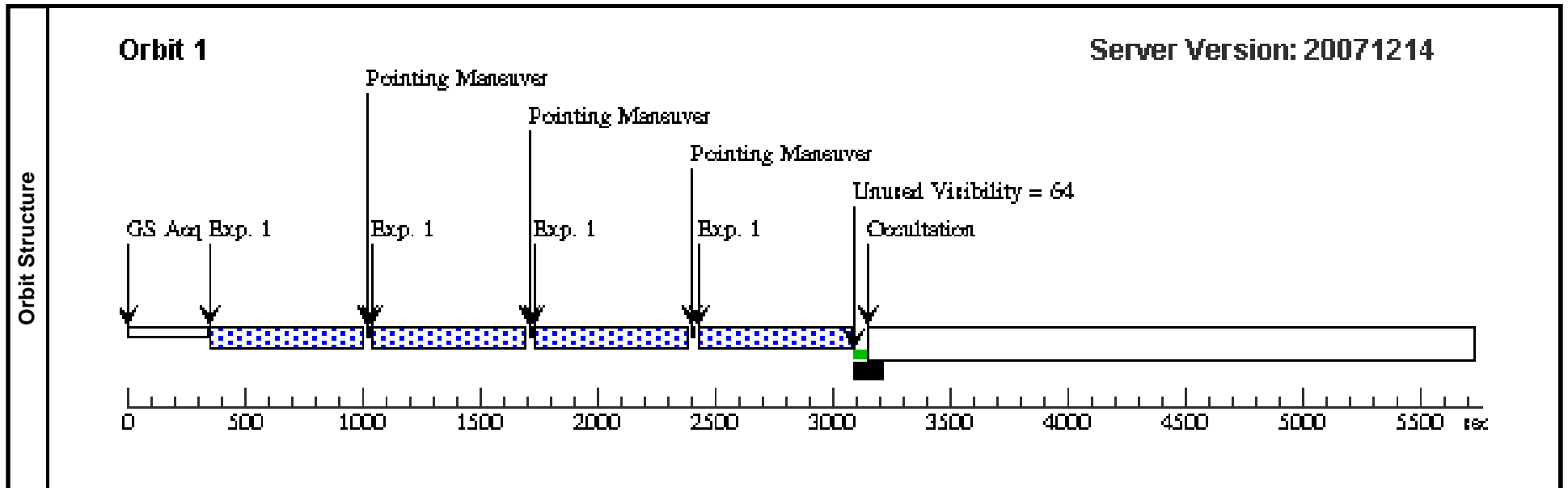
Visit	Proposal 10798, Visit 20 Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures	
		(1)	Pattern Type=ACS-WFC-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.265 Line Spacing=0.187	Coordinate Frame=POS-TARG Pattern Orientation=20.67 Angle Between Sides=69.05 Center Pattern=true					(1), (2)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(20)	SDSSJ1718+6424	RA: 17 18 37.3900 (259.6557917d) Dec: +64 24 52.20 (64.41450d) Equinox: J2000			V=16.2	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(20) SDSSJ1718+6424	ACS/WFC, ACCUM, WFC1	F555W	CR-SPLIT=NO		Pattern 1-1 (1)	540.0 Secs [==>545.0 Secs (Pattern 1)] [==>545.0 Secs (Pattern 2)] [==>545.0 Secs (Pattern 3)] [==>545.0 Secs (Pattern 4)]	[1]
2		(20) SDSSJ1718+6424	ACS/WFC, ACCUM, WFC1	F814W	CR-SPLIT=NO		Pattern 2-2 (1)	540.0 Secs [==>561.0 Secs (Pattern 1)] [==>561.0 Secs (Pattern 2)] [==>561.0 Secs (Pattern 3)] [==>561.0 Secs (Pattern 4)]	[2]	



Proposal 10798 - Visit 21 - Dark Halos and Substructure from Arcs & Einstein Rings

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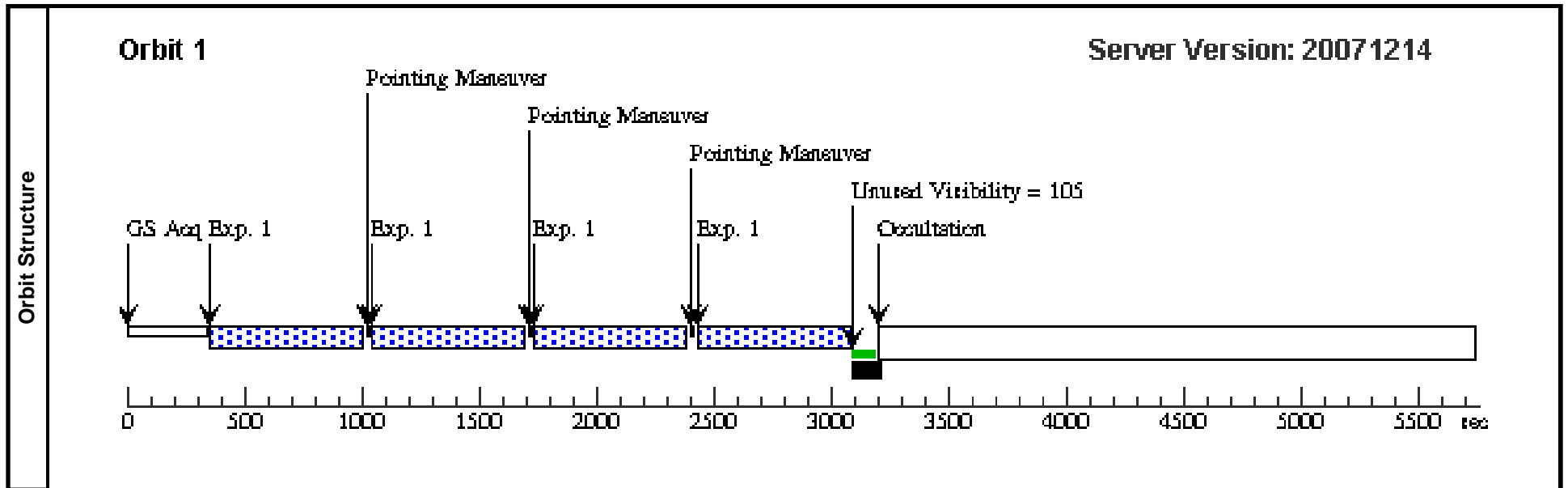
Visit	Proposal 10798, Visit 21 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true				(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	SDSSJ1621+3931	RA: 16 21 32.9900 (245.3874583d) Dec: +39 31 44.60 (39.52906d) Equinox: J2000			V=17.4	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SDSSJ1621+3931 1	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 10798 - Visit 22 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:44 GMT 2008

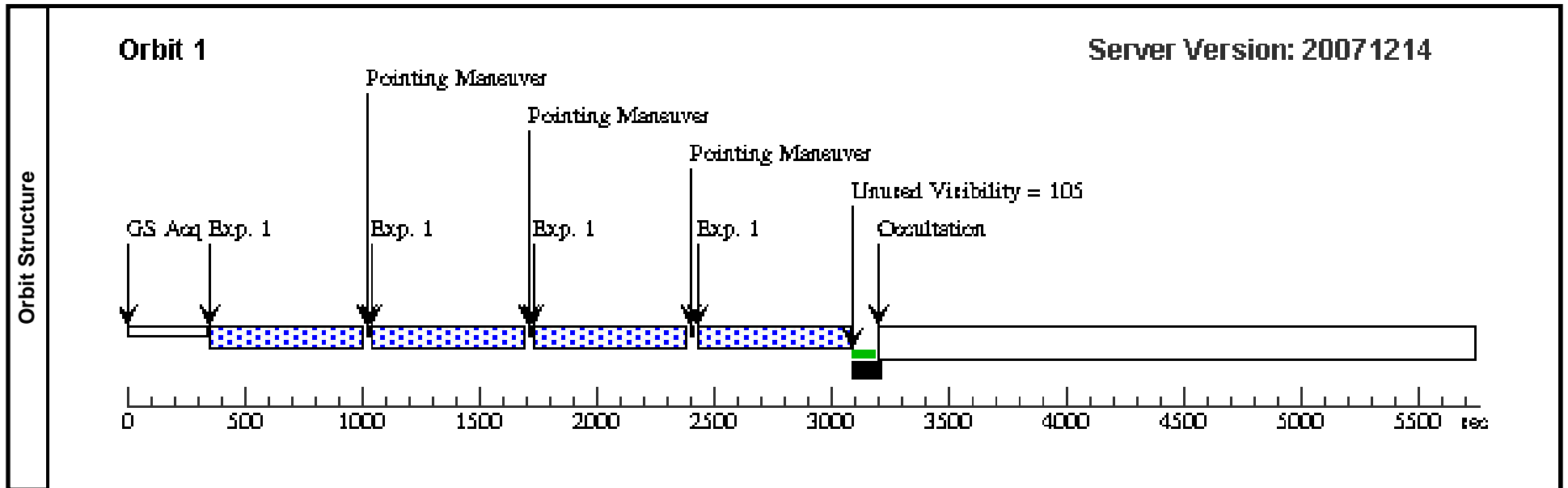
Visit	Proposal 10798, Visit 22 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(2)	Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG							(1)
		Purpose=DITHER	Pattern Orientation=0.0								
		Number Of Points=4	Angle Between Sides=								
		Point Spacing=4.4625	Center Pattern=true								
		Line Spacing=									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(2)	SDSSJ1106+5228	RA: 11 06 46.1600 (166.6923333d) Dec: +52 28 37.70 (52.47714d) Equinox: J2000			V=16	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(2) SDSSJ1106+5228 8	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	



Proposal 10798 - Visit 23 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:44 GMT 2008

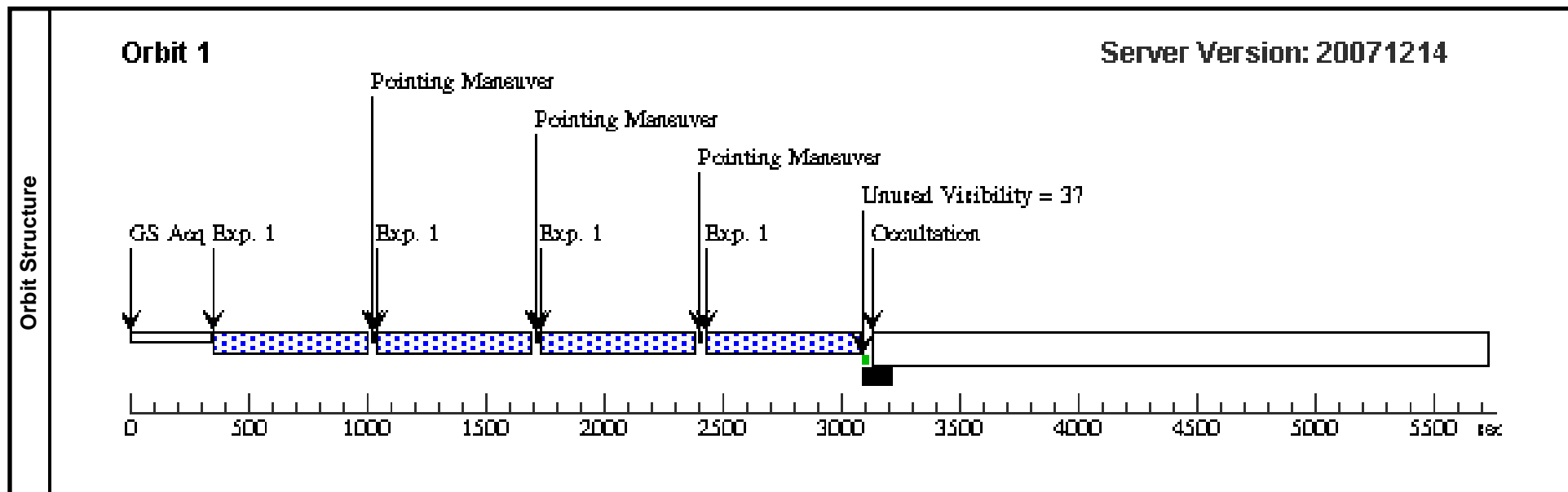
Visit	Proposal 10798, Visit 23 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true				(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	SDSSJ1100+5329	RA: 11 00 24.3900 (165.1016250d) Dec: +53 29 13.70 (53.48714d) Equinox: J2000		V=17.7	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) SDSSJ1100+5329 9	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 10798 - Visit 24 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:44 GMT 2008

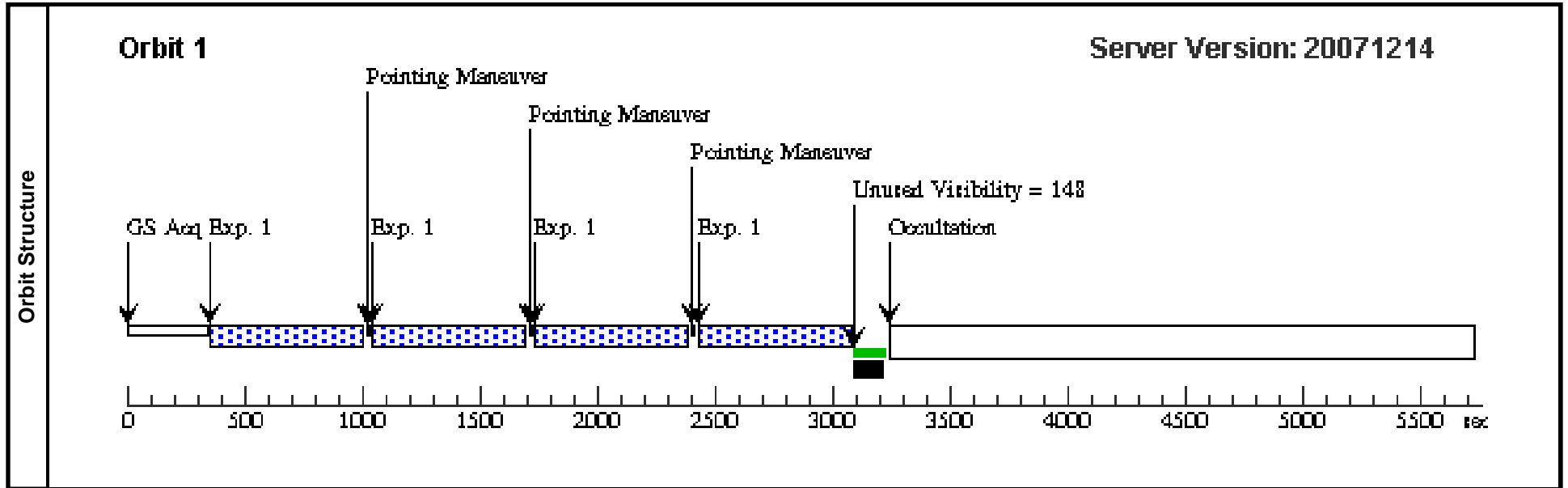
Visit	Proposal 10798, Visit 24 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true						(1)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(4)	SDSSJ0955+0101	RA: 09 55 19.7200 (148.8321667d) Dec: +01 01 44.40 (1.02900d) Equinox: J2000			V=18	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(4) SDSSJ0955+0101 1	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 10798 - Visit 25 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:45 GMT 2008

Visit	Proposal 10798, Visit 25 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true				(1)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(5)	SDSSJ1700+6221	RA: 17 00 13.9800 (255.0582500d) Dec: +62 21 9.70 (62.35269d) Equinox: J2000			V=17.6	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(5) SDSSJ1700+6221 1	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 10798 - Visit 75 - Dark Halos and Substructure from Arcs & Einstein Rings

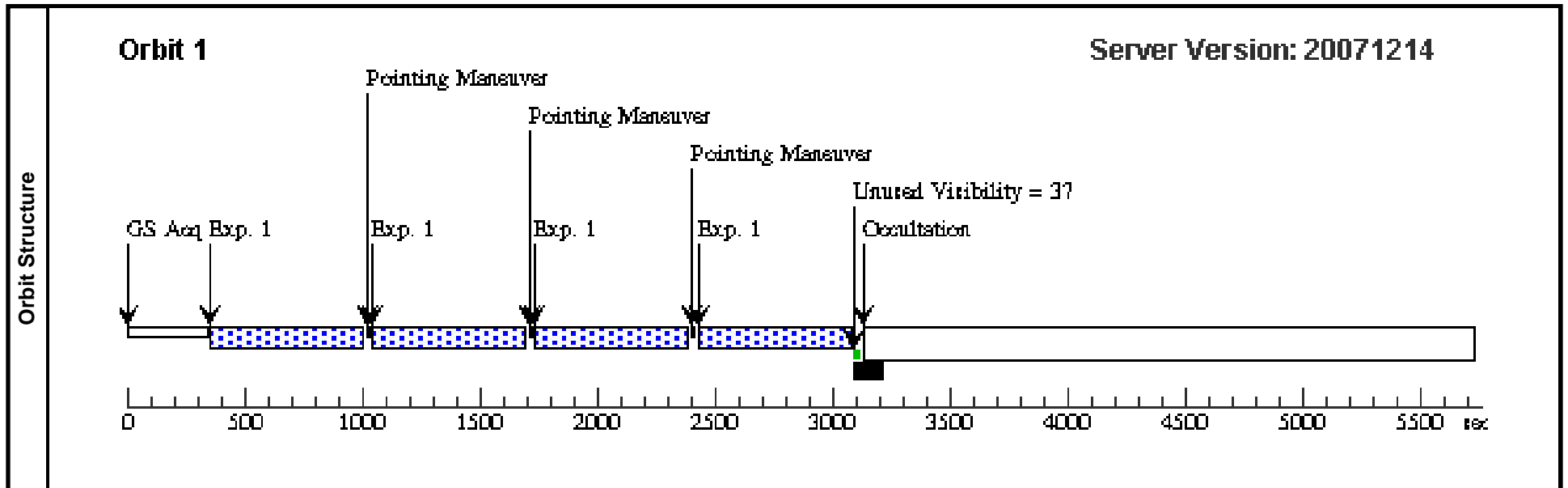
Thu Jan 17 19:38:45 GMT 2008

Visit	Proposal 10798, Visit 75 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true				(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	SDSSJ1700+6221	RA: 17 00 13.9800 (255.0582500d) Dec: +62 21 9.70 (62.35269d) Equinox: J2000		V=17.6	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) SDSSJ1700+6221 1	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]

Proposal 10798 - Visit 26 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:45 GMT 2008

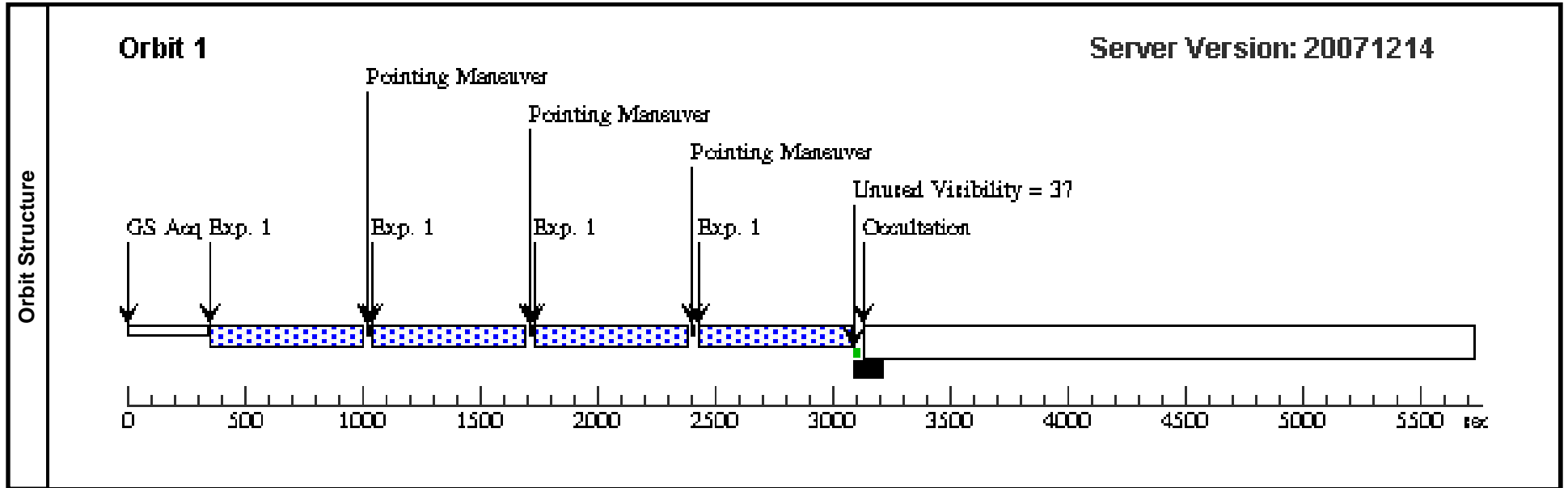
Visit	Proposal 10798, Visit 26 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true				(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(6)	SDSSJ1143-0144	RA: 11 43 29.6400 (175.8735000d) Dec: -01 44 30.00 (-1.74167d) Equinox: J2000			V=16.4	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(6) SDSSJ1143-0144	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]	



Proposal 10798 - Visit 27 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:45 GMT 2008

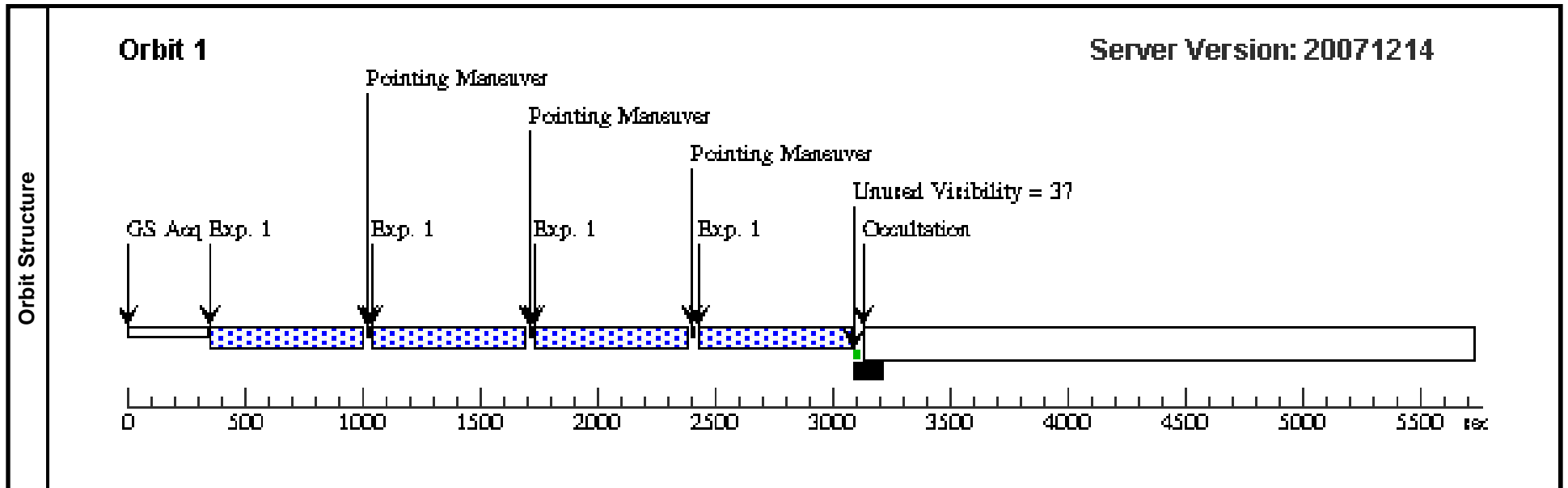
Visit	Proposal 10798, Visit 27 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	SDSSJ1112+0826	RA: 11 12 50.6000 (168.2108333d) Dec: +08 26 10.40 (8.43622d) Equinox: J2000				V=18.4	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(7) SDSSJ1112+0826 6	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 10798 - Visit 28 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:46 GMT 2008

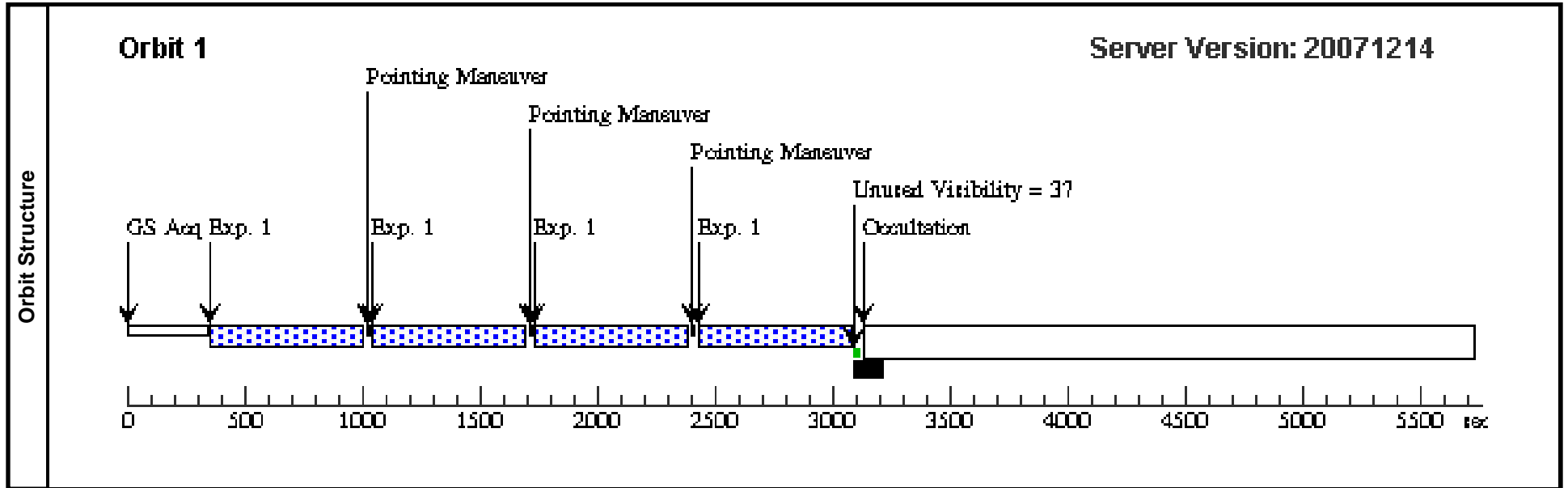
Visit	Proposal 10798, Visit 28 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true				(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	SDSSJ0044+0113	RA: 00 44 2.9000 (11.0120833d) Dec: +01 13 12.50 (1.22014d) Equinox: J2000		V=16.3	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(8) SDSSJ0044+0113 3	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10798 - Visit 29 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:46 GMT 2008

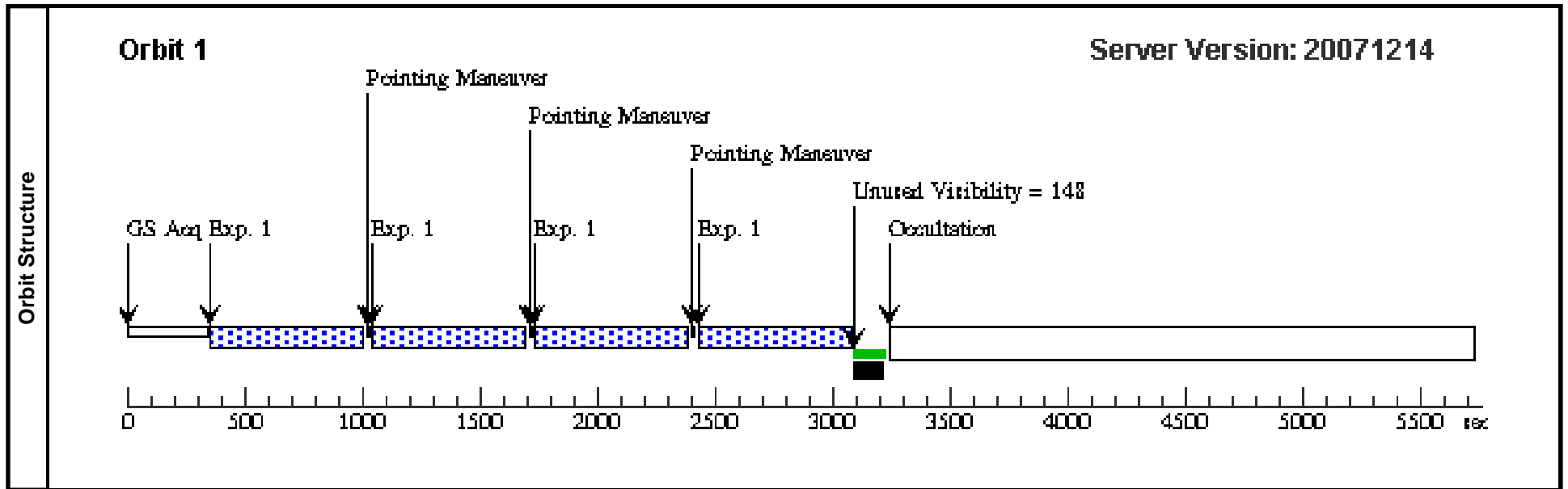
Visit	Proposal 10798, Visit 29 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true				(1)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	SDSSJ2302-0840	RA: 23 02 20.1800 (345.5840833d) Dec: -08 40 49.40 (-8.68039d) Equinox: J2000				V=16.3	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	(9) SDSSJ2302-0840	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	



Proposal 10798 - Visit 30 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:46 GMT 2008

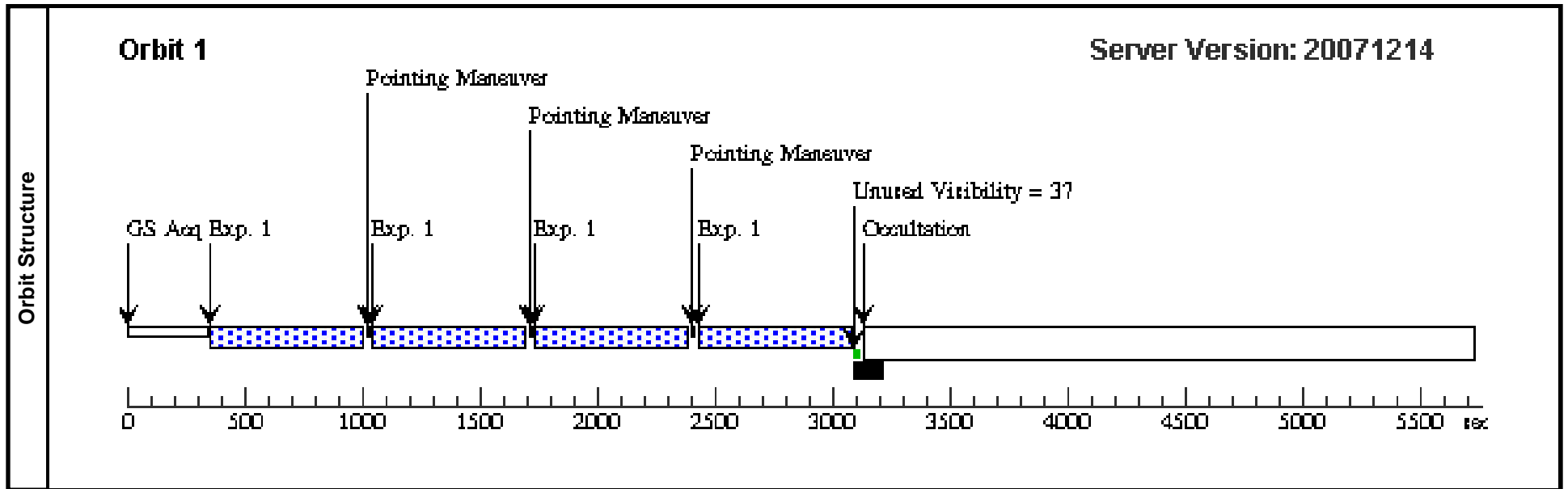
Visit	Proposal 10798, Visit 30 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true				(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	SDSSJ1029+6115	RA: 10 29 27.5400 (157.3647500d) Dec: +61 15 5.10 (61.25142d) Equinox: J2000		V=16.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(10) SDSSJ1029+6115	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10798 - Visit 31 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:46 GMT 2008

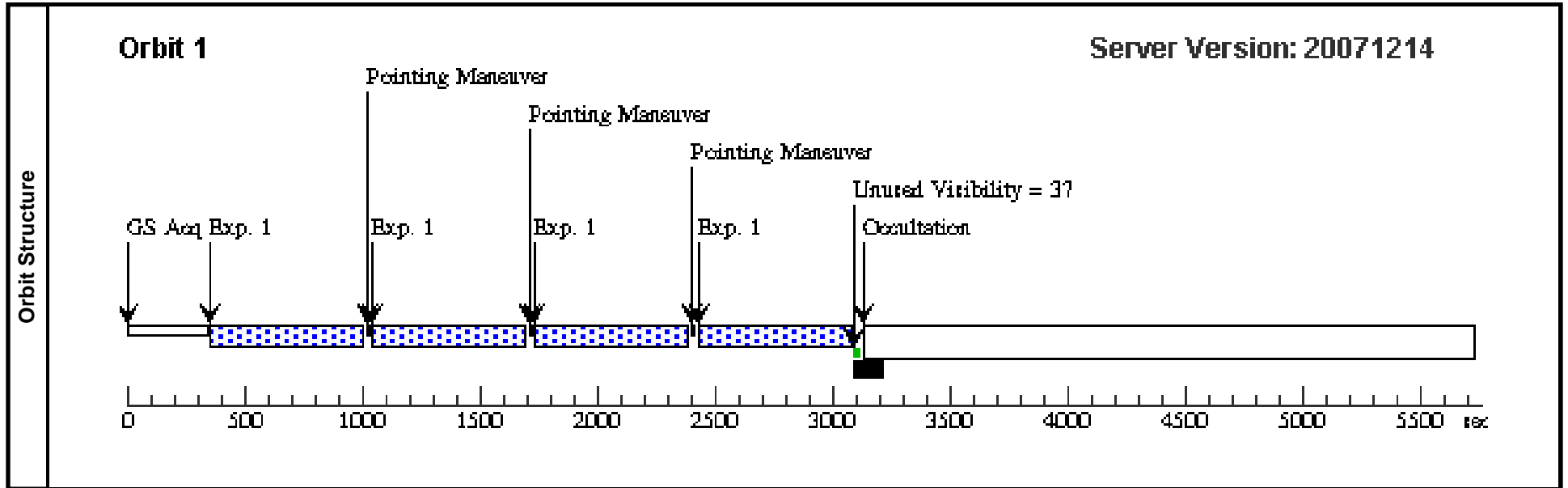
Visit	Proposal 10798, Visit 31 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
		(2)	Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG						
		Purpose=DITHER	Pattern Orientation=0.0							
		Number Of Points=4	Angle Between Sides=							
		Point Spacing=4.4625	Center Pattern=true							
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	SDSSJ1250-0135	RA: 12 50 50.5200 (192.7105000d) Dec: -01 35 31.60 (-1.59211d) Equinox: J2000		V=16.7	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(11) SDSSJ1250-0135 5	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10798 - Visit 32 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:46 GMT 2008

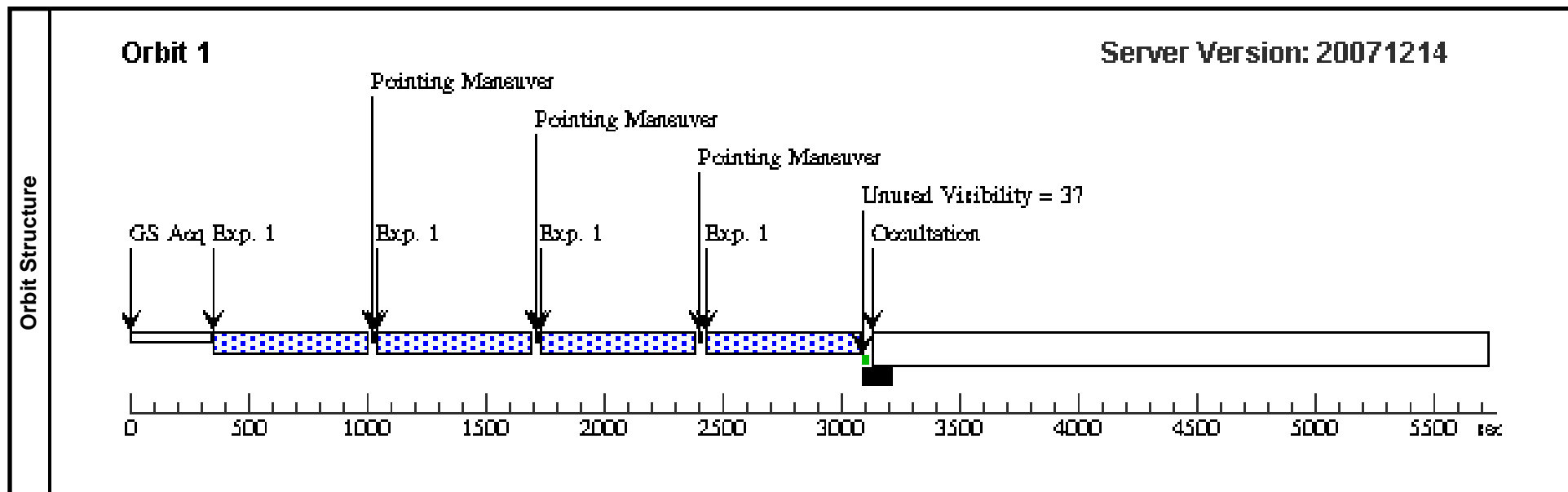
Visit	Proposal 10798, Visit 32 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true				(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(12)	SDSSJ0935-0003	RA: 09 35 43.9300 (143.9330417d) Dec: -00 03 34.80 (-.05967d) Equinox: J2000		V=17.6	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(12) SDSSJ0935-0003	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 10798 - Visit 33 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:47 GMT 2008

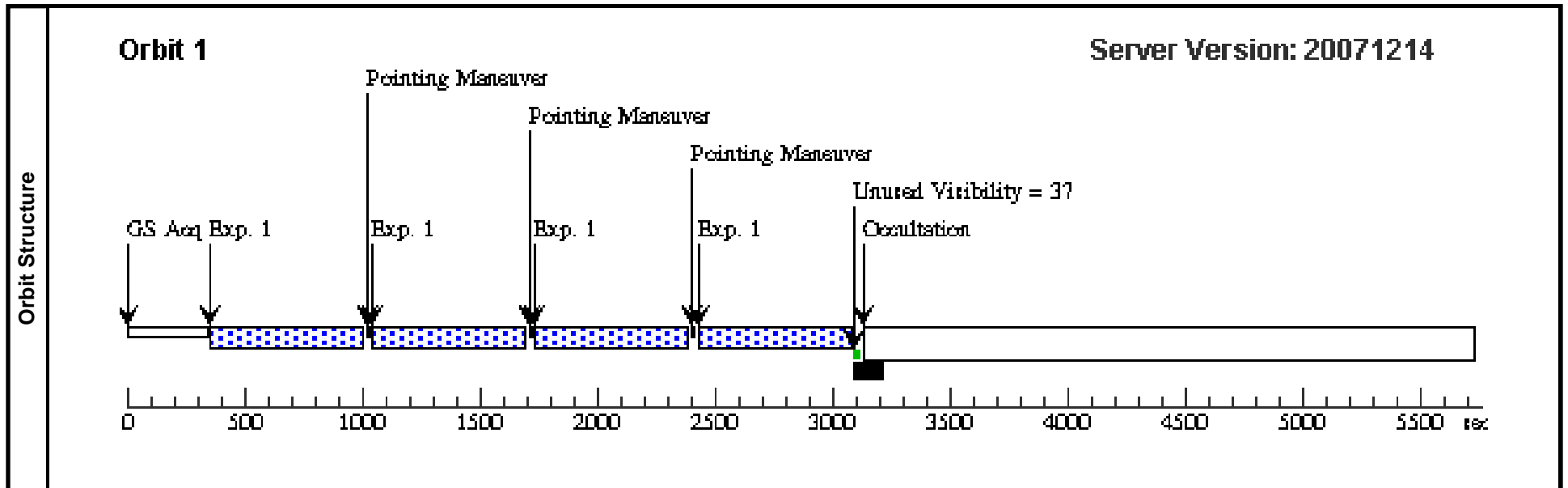
Visit	Proposal 10798, Visit 33 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true						(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	SDSSJ1403+0006	RA: 14 03 29.4900 (210.8728750d) Dec: +00 06 41.40 (.11150d) Equinox: J2000				V=18.1	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(13) SDSSJ1403+0006	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 10798 - Visit 34 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:47 GMT 2008

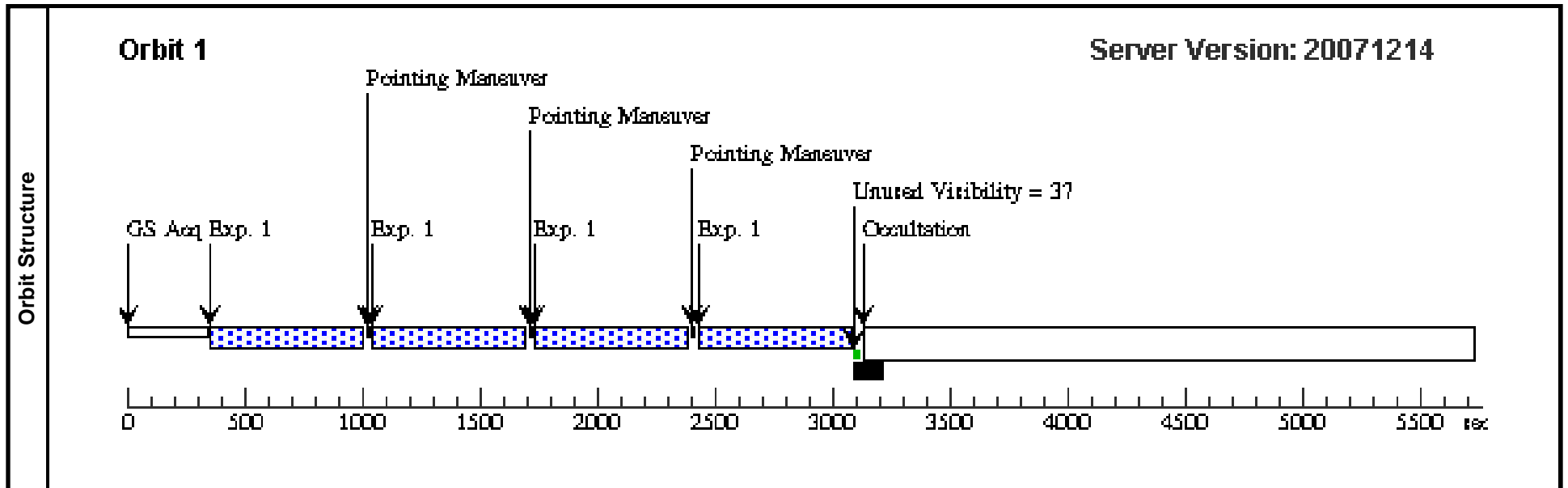
Visit	Proposal 10798, Visit 34 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
		(2)	Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG						
		Purpose=DITHER	Pattern Orientation=0.0							
		Number Of Points=4	Angle Between Sides=							
		Point Spacing=4.4625	Center Pattern=true							
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	SDSSJ1204+0358	RA: 12 04 44.0700 (181.1836250d) Dec: +03 58 6.30 (3.96842d) Equinox: J2000		V=17.5	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(14) SDSSJ1204+0358	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 10798 - Visit 35 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:47 GMT 2008

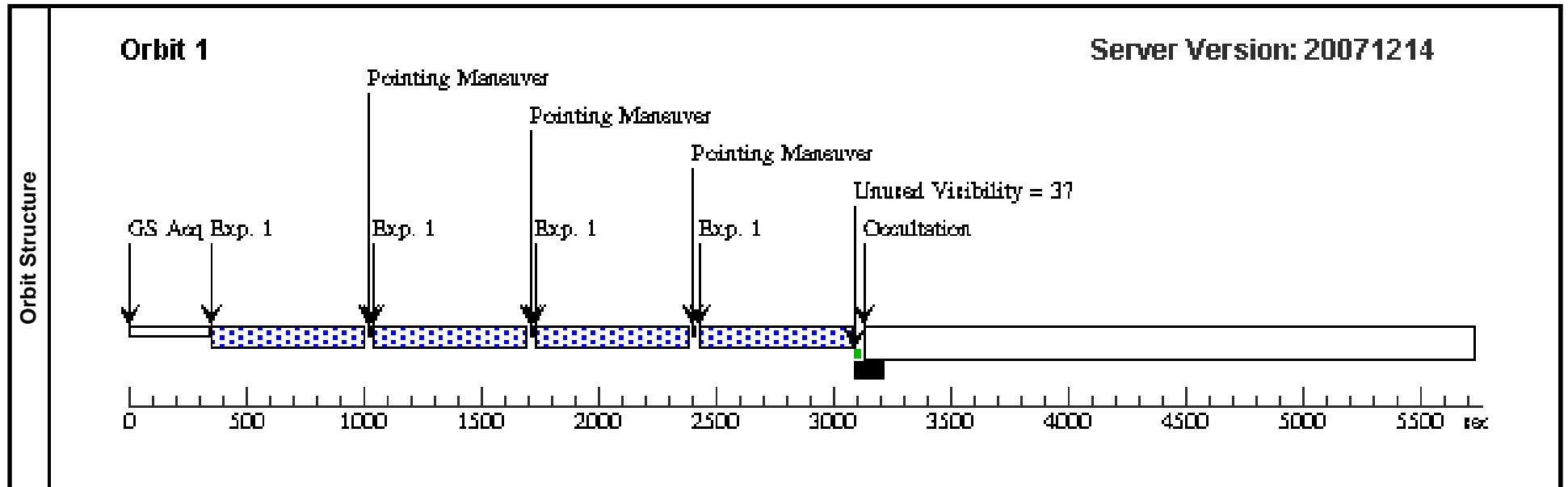
Visit	Proposal 10798, Visit 35 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(2)	Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true						(1)	
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(15)	SDSSJ1451-0239	RA: 14 51 28.1900 (222.8674583d) Dec: -02 39 36.40 (-2.66011d) Equinox: J2000		V=16.7	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(15) SDSSJ1451-0239 9	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 10798 - Visit 36 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:47 GMT 2008

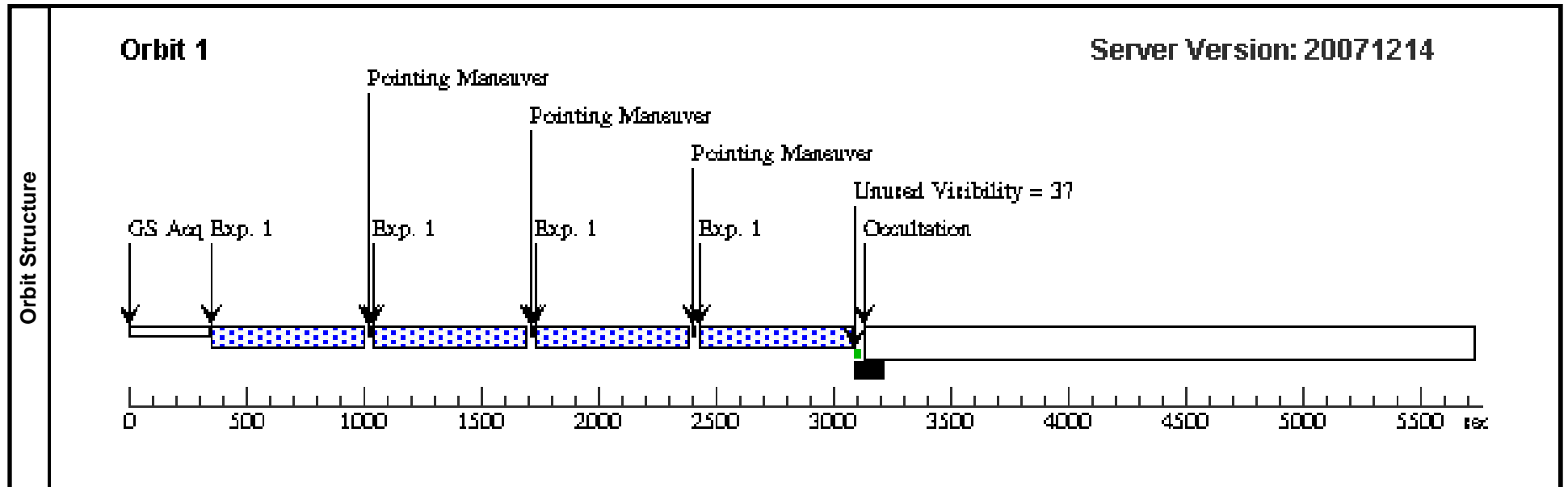
Visit	Proposal 10798, Visit 36 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true				(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	SDSSJ0037-0942	RA: 00 37 53.2100 (9.4717083d) Dec: -09 42 20.10 (-9.70558d) Equinox: J2000		V=16.9	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(16) SDSSJ0037-0942 2	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



Proposal 10798 - Visit 37 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:47 GMT 2008

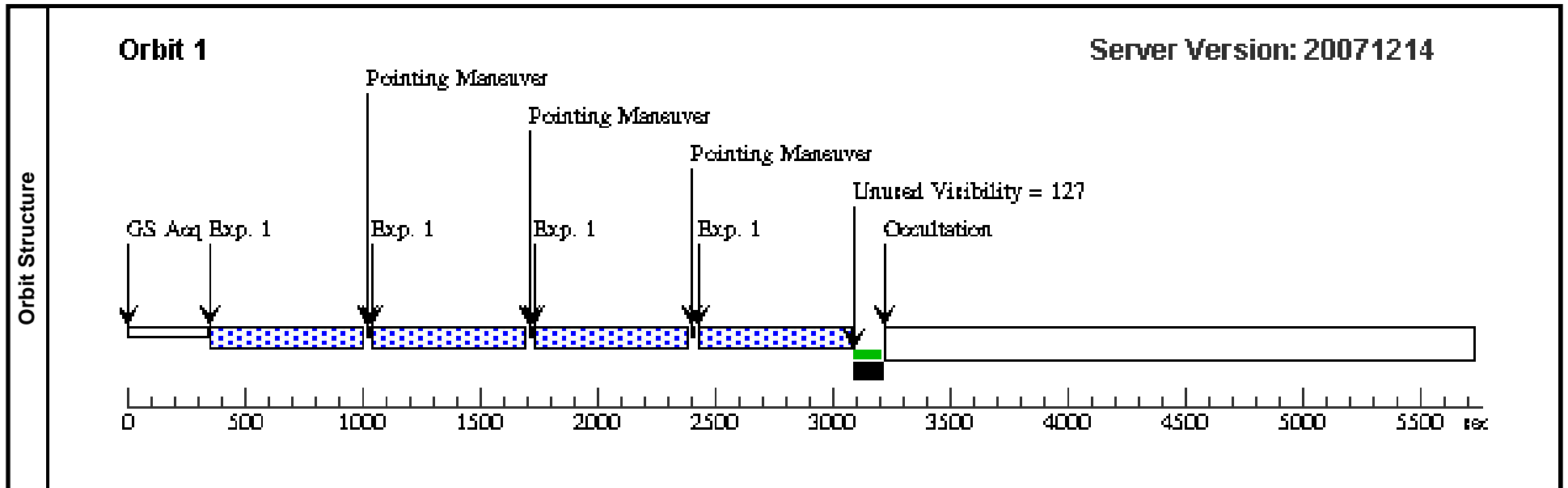
Visit	Proposal 10798, Visit 37 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
		(2)	Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG						
		Purpose=DITHER	Pattern Orientation=0.0							
		Number Of Points=4	Angle Between Sides=							
		Point Spacing=4.4625	Center Pattern=true							
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(17)	SDSSJ1531-0105	RA: 15 31 50.0700 (232.9586250d) Dec: -01 05 45.70 (-1.09603d) Equinox: J2000		V=17.3	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(17) SDSSJ1531-0105	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



Proposal 10798 - Visit 38 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:47 GMT 2008

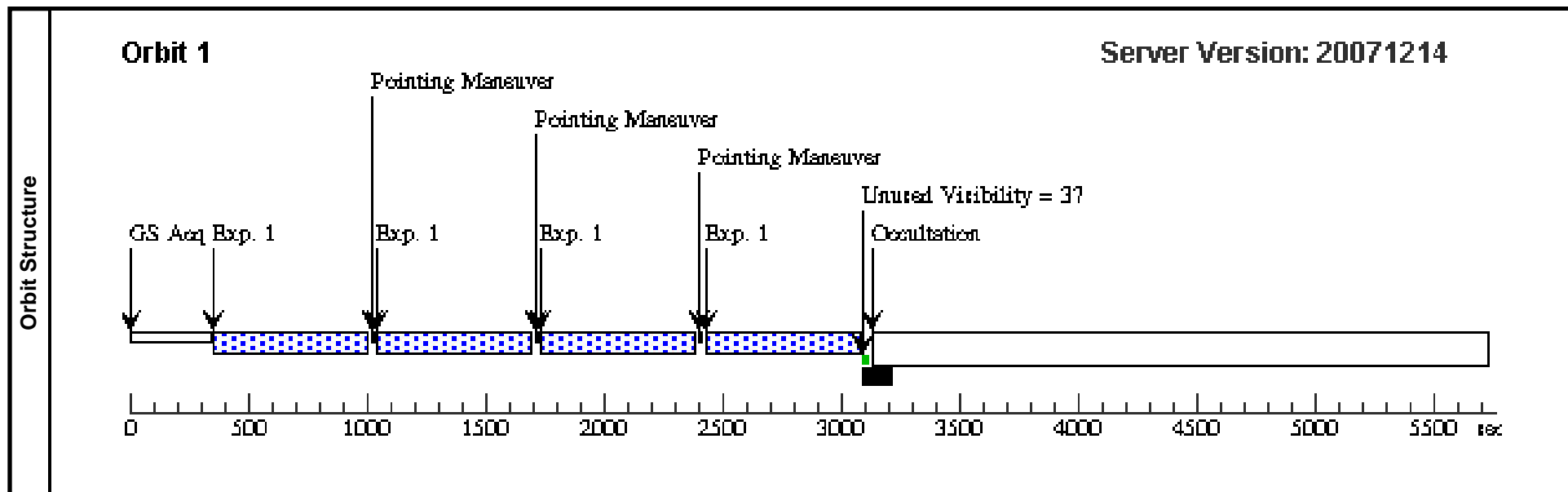
Visit	Proposal 10798, Visit 38 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(2)		Pattern Type=NIC-SPIRAL-DITH Purpose=DITHER Number Of Points=4 Point Spacing=4.4625 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=0.0 Angle Between Sides= Center Pattern=true				(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(18)	SDSSJ1538+5817	RA: 15 38 12.9200 (234.5538333d) Dec: +58 17 9.80 (58.28606d) Equinox: J2000		V=17.8	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(18) SDSSJ1538+5817	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]



Proposal 10798 - Visit 39 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:48 GMT 2008

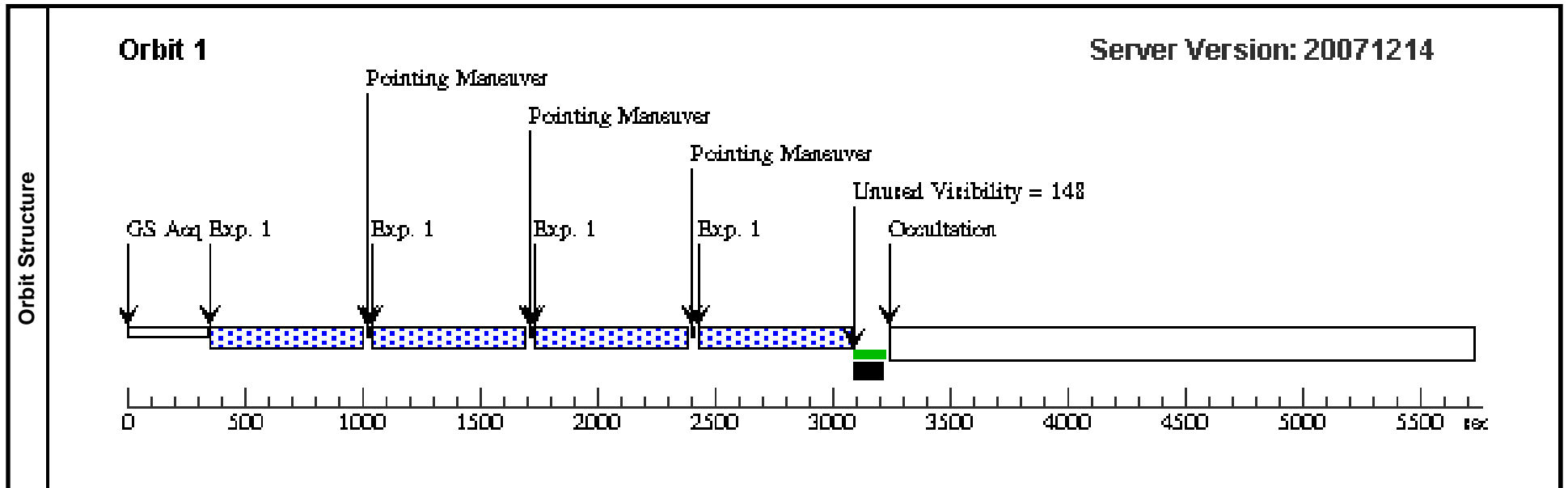
Visit	Proposal 10798, Visit 39 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
		(2)	Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG						
		Purpose=DITHER	Pattern Orientation=0.0							
		Number Of Points=4	Angle Between Sides=							
		Point Spacing=4.4625	Center Pattern=true							
		Line Spacing=								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(19)	SDSSJ1436-0000	RA: 14 36 27.5400 (219.1147500d) Dec: -00 00 29.20 (-.00811d) Equinox: J2000		V=18.4	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) SDSSJ1436-0000 0	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]



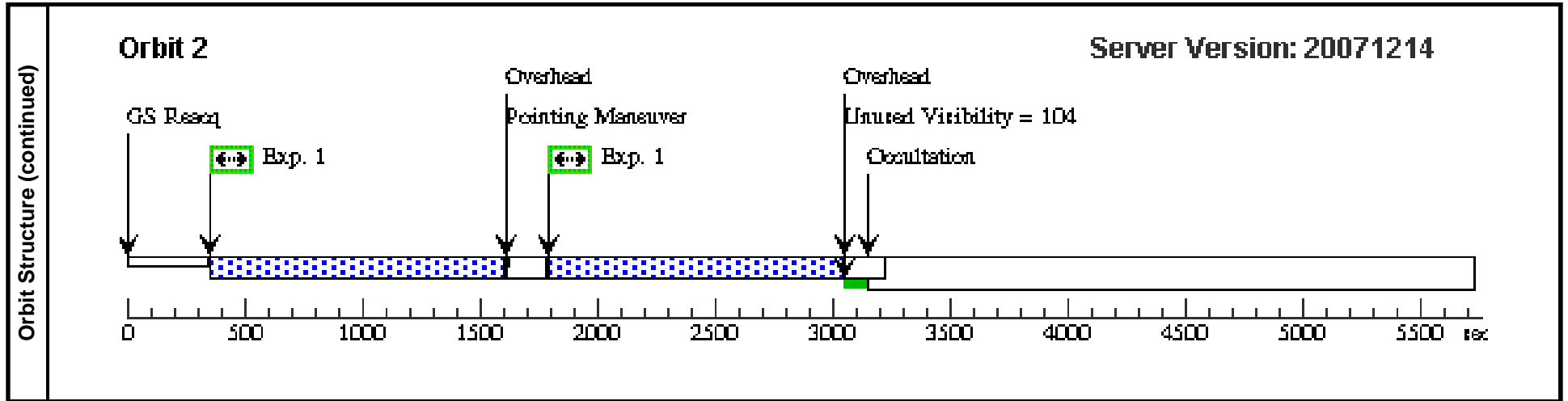
Proposal 10798 - Visit 40 - Dark Halos and Substructure from Arcs & Einstein Rings

Thu Jan 17 19:38:48 GMT 2008

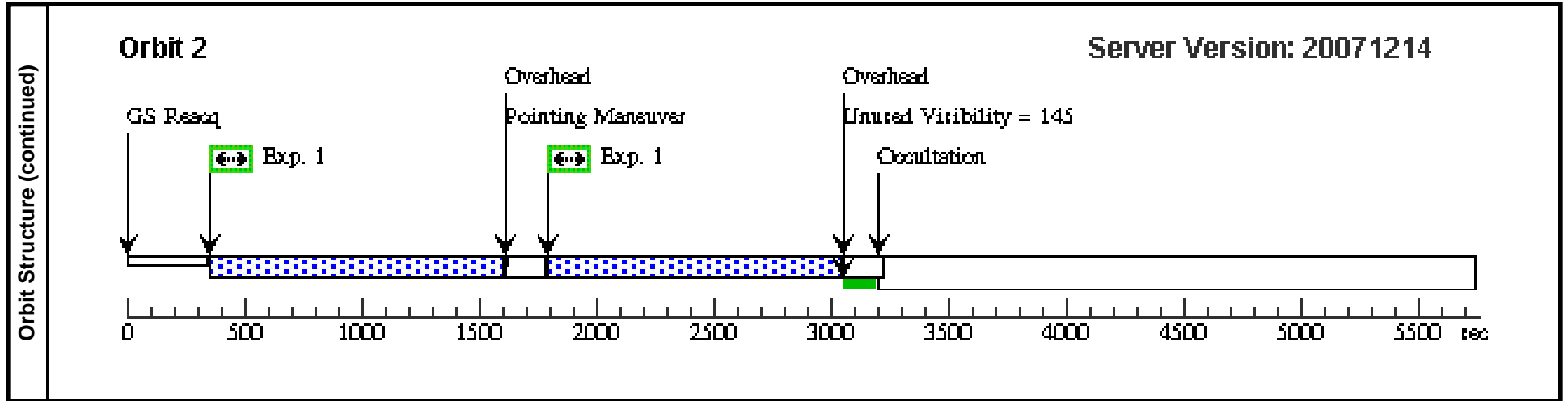
Visit	Proposal 10798, Visit 40 Diagnostic Status: No Diagnostics Scientific Instruments: NIC2 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
		(2)	Pattern Type=NIC-SPIRAL-DITH	Coordinate Frame=POS-TARG							(1)
		Purpose=DITHER	Pattern Orientation=0.0								
		Number Of Points=4	Angle Between Sides=								
		Point Spacing=4.4625	Center Pattern=true								
		Line Spacing=									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(20)	SDSSJ1718+6424	RA: 17 18 37.3900 (259.6557917d) Dec: +64 24 52.20 (64.41450d) Equinox: J2000		V=16.2	Reference Frame: ICRS					
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(20) SDSSJ1718+6424	NIC2, MULTIACCUM, NIC2	F160W	SAMP-SEQ=STEP6 4; NSAMP=18	GS ACQ SCENARI O BASE1TNS	Pattern 1-1 (2)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	



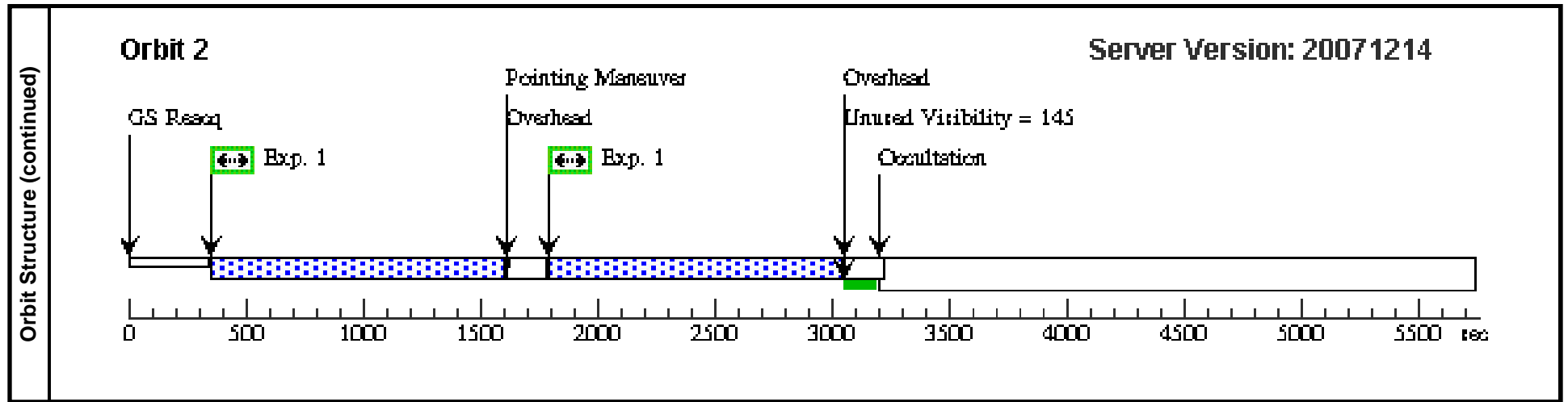
Visit	Proposal 10798, Visit 76 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(1)	SDSSJ1621+3931	RA: 16 21 32.9900 (245.3874583d) Dec: +39 31 44.60 (39.52906d) Equinox: J2000				V=17.4		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(1) SDSSJ1621+3931	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs [=>1100.0 Secs (Pattern 1)] [=>1100.0 Secs (Pattern 2)] [=>1100.0 Secs (Pattern 3)] [=>1100.0 Secs (Pattern 4)]	[1] [2]
Orbit Structure	Orbit 1 Server Version: 20071214									
	<p>Unused Visibility = 104</p>									



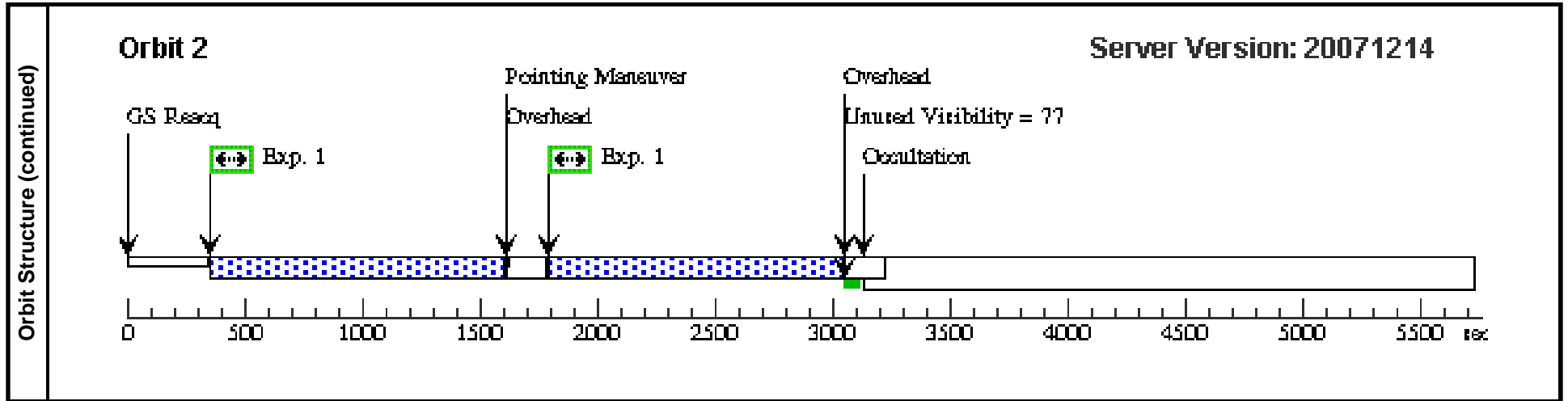
Visit	Proposal 10798, Visit 77 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(2)	SDSSJ1106+5228	RA: 11 06 46.1600 (166.6923333d) Dec: +52 28 37.70 (52.47714d) Equinox: J2000				V=16		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(2) SDSSJ1106+5228	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs [=>1100.0 Secs (Pattern 1)] [=>1100.0 Secs (Pattern 2)] [=>1100.0 Secs (Pattern 3)] [=>1100.0 Secs (Pattern 4)]	[1] [2]
Orbit Structure	<p>Orbit 1 Server Version: 20071214</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. Key events are marked with vertical arrows: GS Acq at ~300s, Exp. 1 at ~400s, Pointing Maneuver at ~1600s, another Exp. 1 at ~1800s, a second Pointing Maneuver at ~3000s, and Occultation at ~3100s. A green bar between 3000s and 3145s is labeled 'Unused Visibility = 145'. Blue dotted bars represent exposure periods. The text 'Orbit 1' is on the left and 'Server Version: 20071214' is on the right.</p>									



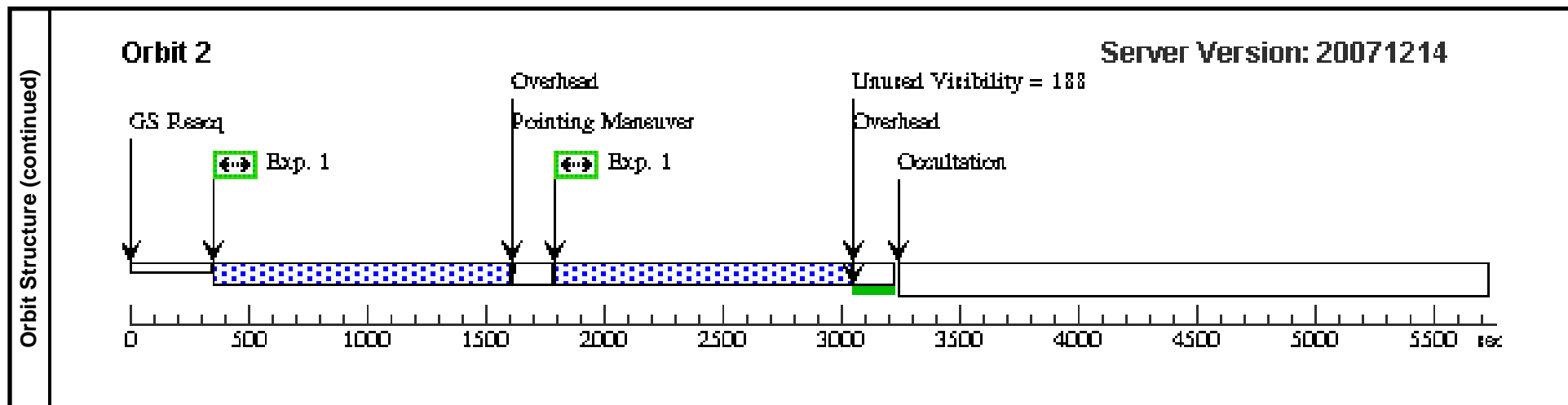
Visit	Proposal 10798, Visit 78 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(3)	SDSSJ1100+5329	RA: 11 00 24.3900 (165.1016250d) Dec: +53 29 13.70 (53.48714d) Equinox: J2000				V=17.7		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(3) SDSSJ1100+5329	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs [=>1100.0 Secs (Pattern 1)] [=>1100.0 Secs (Pattern 2)] [=>1100.0 Secs (Pattern 3)] [=>1100.0 Secs (Pattern 4)]	[1] [2]
Orbit Structure	Orbit 1 Server Version: 20071214									
	<p>The diagram shows a horizontal timeline from 0 to 5500 seconds. Key events are marked with arrows: GS Acq at 0s, Exposed Exps. 1 (green boxes) at approximately 400s and 1800s, Pointing Maneuvers at approximately 1600s and 3100s, Overhead periods, and Occultation starting at 3100s. A bar at the bottom indicates the total orbit duration.</p>									



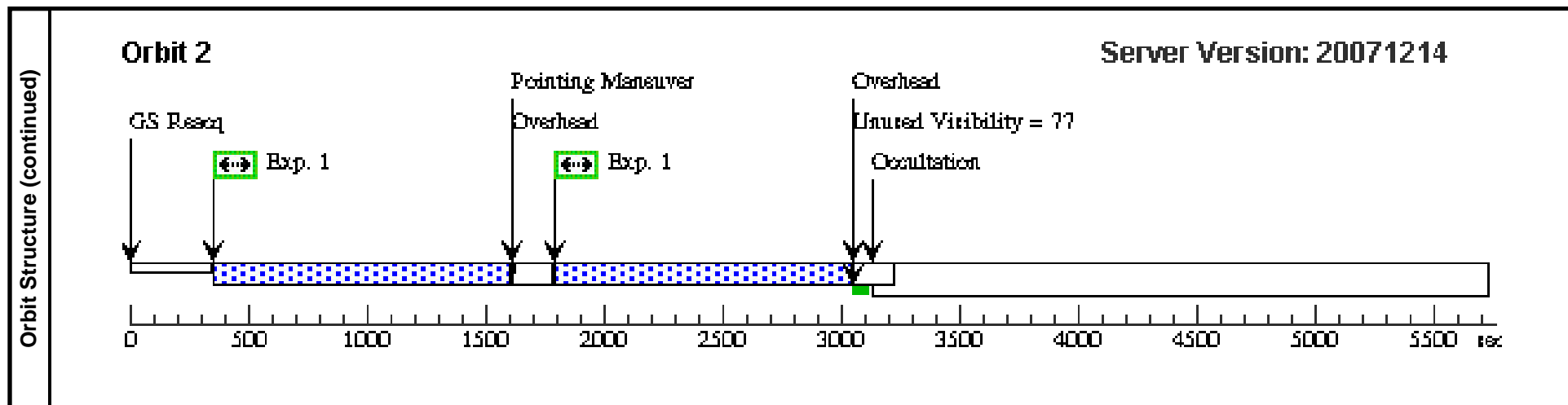
Visit	Proposal 10798, Visit 79 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(4)	SDSSJ0955+0101	RA: 09 55 19.7200 (148.8321667d) Dec: +01 01 44.40 (1.02900d) Equinox: J2000				V=18		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(4) SDSSJ0955+0101	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs [=>1100.0 Secs (Pattern 1)] [=>1100.0 Secs (Pattern 2)] [=>1100.0 Secs (Pattern 3)] [=>1100.0 Secs (Pattern 4)]	[1] [2]
Orbit Structure	Orbit 1 Server Version: 20071214									
	<p>The diagram illustrates the orbit structure for Orbit 1, showing a timeline from 0 to 5500 seconds. Key events include GS Acq at ~300s, Exposed Exps. 1 (green boxes) at ~400s and ~1800s, Pointing Maneuvers at ~1600s and ~3100s, and Occultation at ~3100s. A blue dotted bar indicates the total exposure period from ~400s to ~3100s. Labels include 'Unused Visibility = ??' and 'Overhead'.</p>									



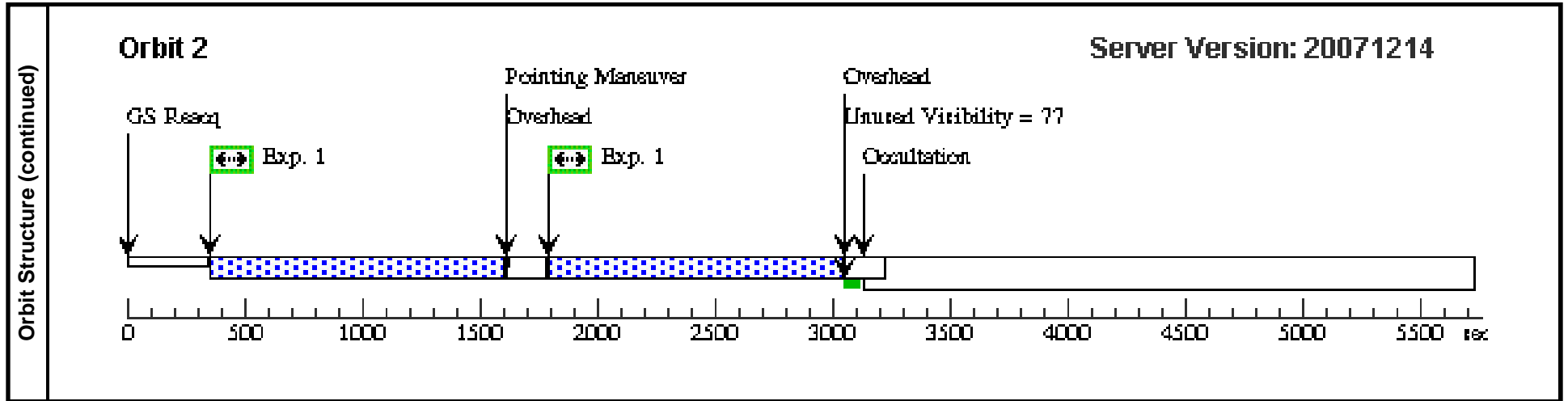
Visit	Proposal 10798, Visit 80 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(5)	SDSSJ1700+6221	RA: 17 00 13.9800 (255.0582500d) Dec: +62 21 9.70 (62.35269d) Equinox: J2000				V=17.6		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(5) SDSSJ1700+6221	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs [=>1100.0 Secs (Pattern 1)] [=>1100.0 Secs (Pattern 2)] [=>1100.0 Secs (Pattern 3)] [=>1100.0 Secs (Pattern 4)]	[1] [2]
Orbit Structure	Orbit 1 Server Version: 20071214									
	<p>Unused Visibility = 188</p>									



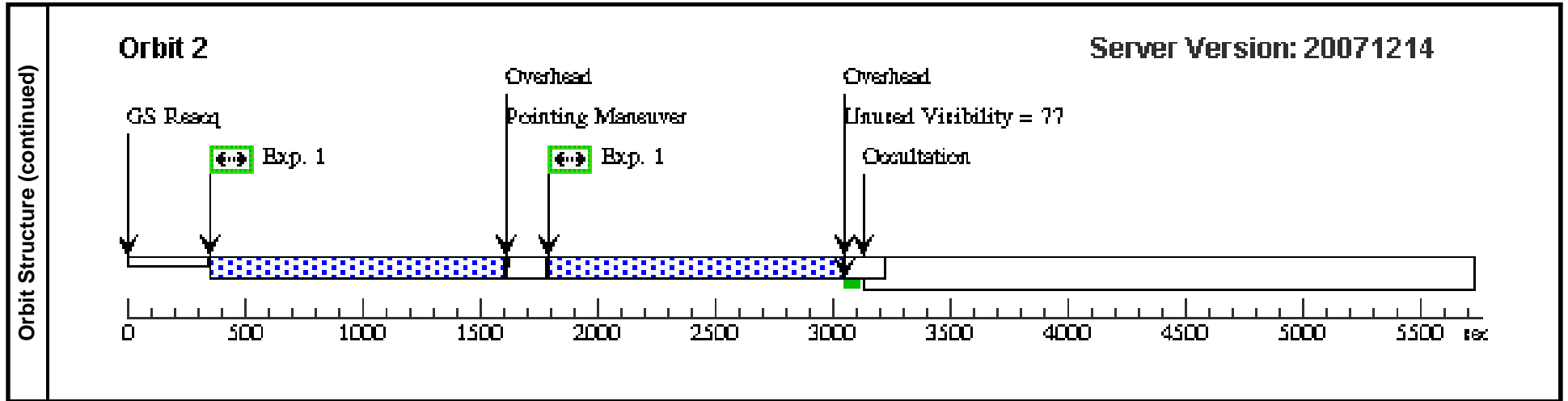
Visit	Proposal 10798, Visit 81 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(7)	SDSSJ1112+0826	RA: 11 12 50.6000 (168.2108333d) Dec: +08 26 10.40 (8.43622d) Equinox: J2000				V=18.4		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(7) SDSSJ1112+0826	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs	
									[=>1100.0 Secs (Pattern 1)]	[1]
									[=>1100.0 Secs (Pattern 2)]	[2]
									[=>1100.0 Secs (Pattern 3)]	[2]
									[=>1100.0 Secs (Pattern 4)]	[2]
Orbit Structure	Orbit 1 Server Version: 20071214									
	<p>The diagram shows a horizontal timeline for Orbit 1 from 0 to 5500 seconds. Key events are marked with arrows and labels: GS Acq at ~200s, Exp. 1 (green box) at ~400s, Overhead at ~1600s, Pointing Maneuver at ~1600s, Exp. 1 (green box) at ~1800s, Overhead at ~3000s, Pointing Maneuver at ~3000s, Occultation at ~3100s, and a final Overhead period at ~3200s. A blue dotted bar represents the observation period from ~400s to ~3100s. Unused Visibility is 77%.</p>									



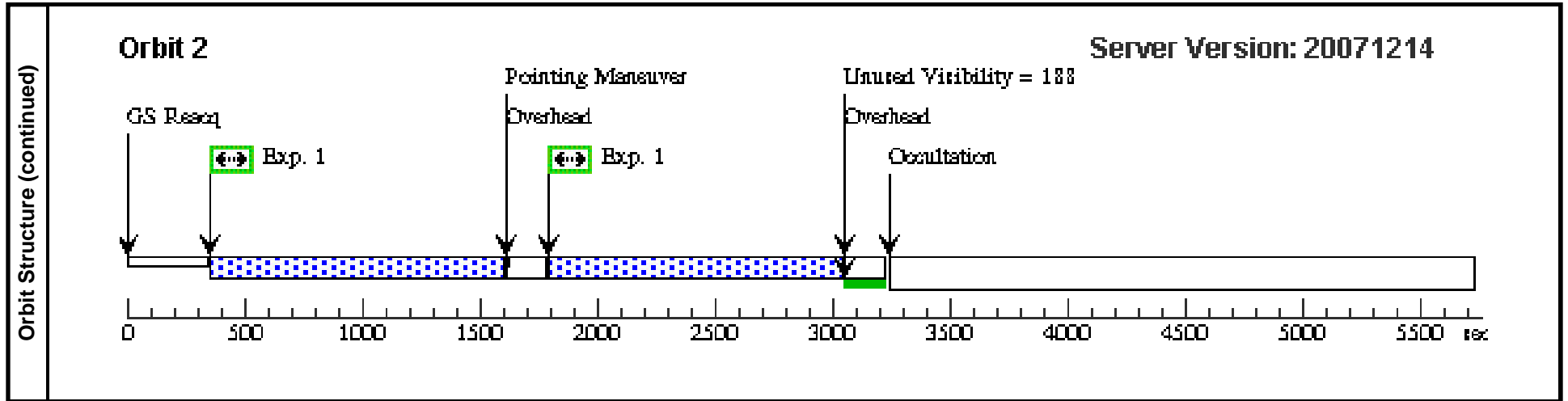
Visit	Proposal 10798, Visit 82 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(8)	SDSSJ0044+0113	RA: 00 44 2.9000 (11.0120833d) Dec: +01 13 12.50 (1.22014d) Equinox: J2000				V=16.3		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(8) SDSSJ0044+0113 3	(8) SDSSJ0044+0113	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs [=>1100.0 Secs (Pattern 1)] [=>1100.0 Secs (Pattern 2)] [=>1100.0 Secs (Pattern 3)] [=>1100.0 Secs (Pattern 4)]	[1] [2]
Orbit Structure	Orbit 1 Server Version: 20071214									
	<p>The diagram shows a horizontal timeline for Orbit 1 from 0 to 5500 seconds. Key events are marked with arrows: GS Acq at ~300s, Exp. 1 at ~400s, Overhead and Pointing Maneuver at ~1600s, another Exp. 1 at ~1800s, and a final Overhead, Pointing Maneuver, and Occultation at ~3100s. A blue dotted bar represents the observation period from ~400s to ~3100s. Unused visibility is indicated as 77%.</p>									



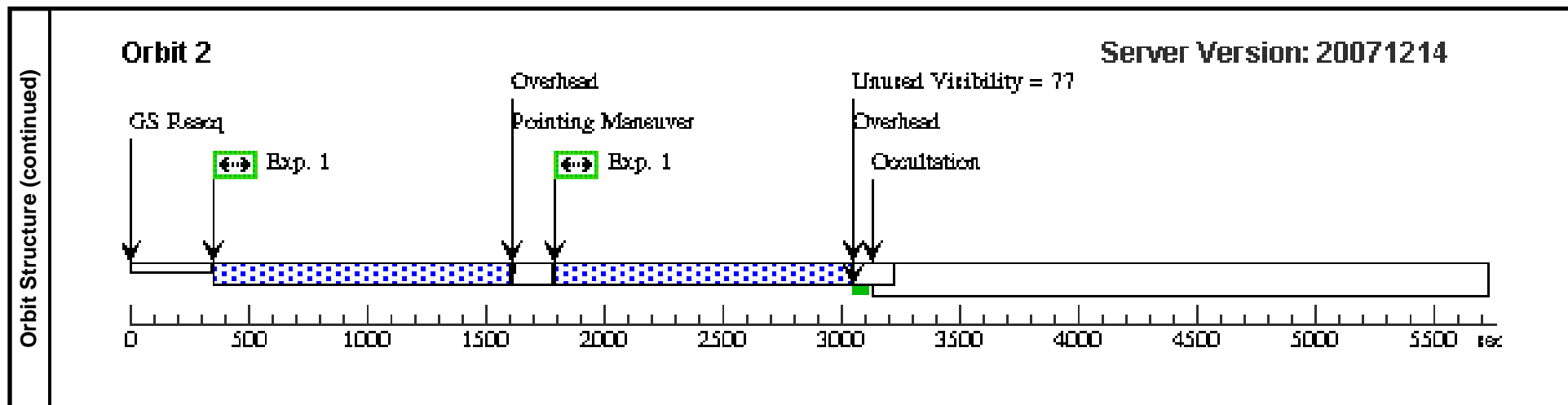
Visit	Proposal 10798, Visit 83 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(9)	SDSSJ2302-0840	RA: 23 02 20.1800 (345.5840833d) Dec: -08 40 49.40 (-8.68039d) Equinox: J2000				V=16.3	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(9) SDSSJ2302-0840	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs		
									[=>1100.0 Secs (Pattern 1)]		[1]
									[=>1100.0 Secs (Pattern 2)]		[2]
Orbit Structure	<p>Orbit 1 Server Version: 20071214</p> <p>The diagram shows a horizontal timeline from 0 to 5500 seconds. A blue dotted bar represents the primary observation period, starting at approximately 400 seconds and ending at 3100 seconds. Key events are marked with arrows and labels: 'GS Acq' at ~300s, 'Exp. 1' at ~400s, 'Pointing Maneuver Overhead' at ~1600s, 'Exp. 1' at ~1800s, 'Pointing Maneuver Overhead' at ~3000s, 'Occultation' at ~3100s, and 'Unused Visibility = ??' at ~3200s. Green boxes with double-headed arrows highlight the two 'Exp. 1' events.</p>										
	<p>Timeline labels: GS Acq, Exp. 1, Pointing Maneuver Overhead, Exp. 1, Pointing Maneuver Overhead, Occultation, Unused Visibility = ??</p> <p>Scale: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec.</p>										



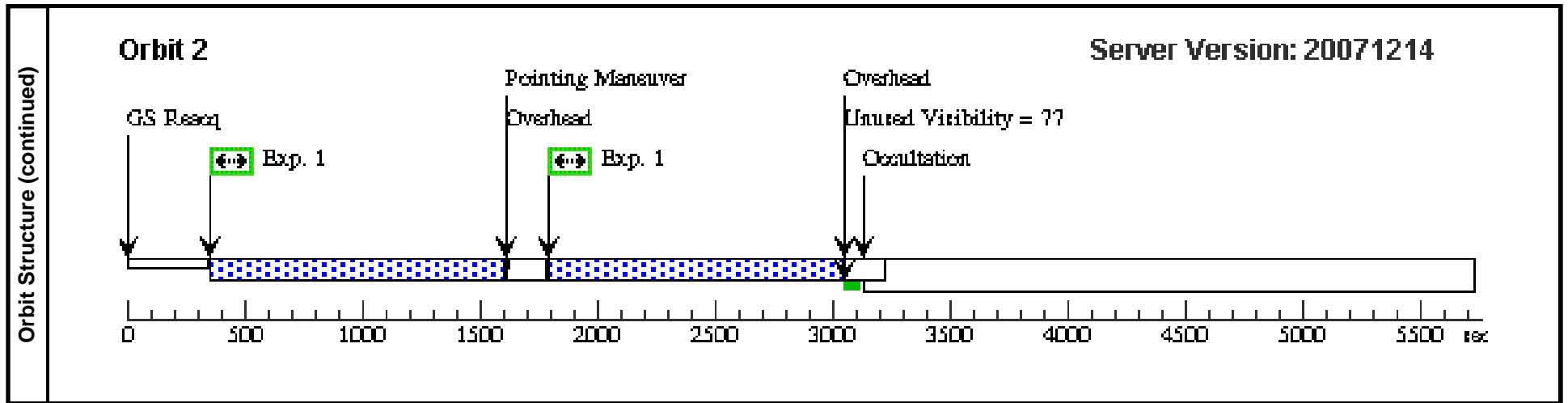
Visit	Proposal 10798, Visit 84 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(10)	SDSSJ1029+6115	RA: 10 29 27.5400 (157.3647500d) Dec: +61 15 5.10 (61.25142d) Equinox: J2000				V=16.5		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(10) SDSSJ1029+6115	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs		
								[=>1100.0 Secs (Pattern 1)]	[1]	
								[=>1100.0 Secs (Pattern 2)]	[2]	
								[=>1100.0 Secs (Pattern 3)]		
								[=>1100.0 Secs (Pattern 4)]		
Orbit Structure	Orbit 1 Server Version: 20071214									
	<p>Timeline labels: GS Acq, Exps. 1, Pointing Maneuver, Overhead, Occultation, Unused Visibility = 188.</p> <p>X-axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec.</p>									



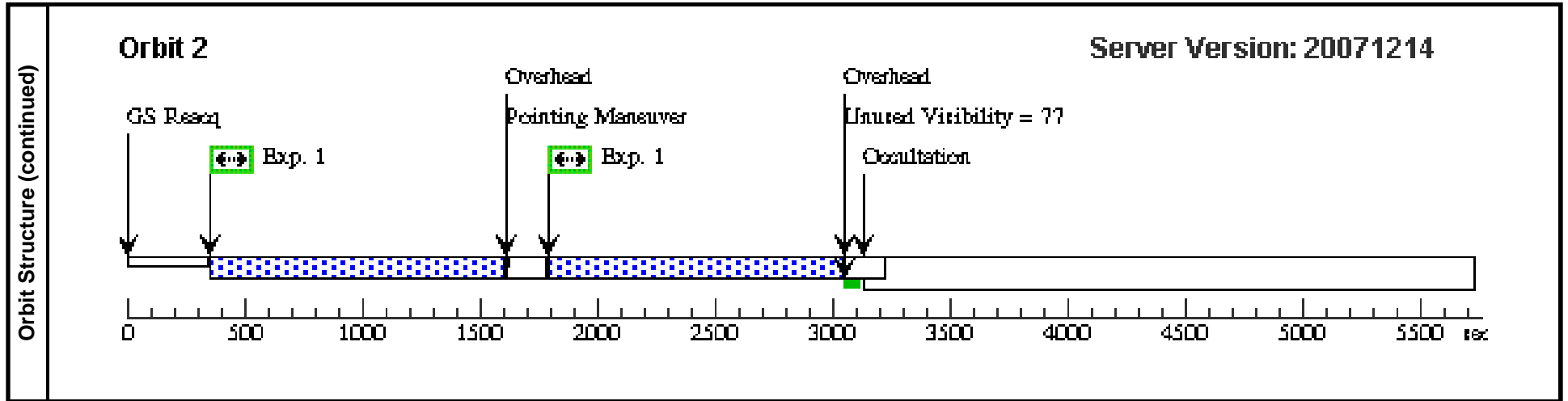
Visit	Proposal 10798, Visit 85 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(11)	SDSSJ1250-0135	RA: 12 50 50.5200 (192.7105000d) Dec: -01 35 31.60 (-1.59211d) Equinox: J2000				V=16.7		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(11) SDSSJ1250-0135	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs		
								[=>1100.0 Secs (Pattern 1)]	[1]	
								[=>1100.0 Secs (Pattern 2)]	[2]	
								[=>1100.0 Secs (Pattern 3)]		
								[=>1100.0 Secs (Pattern 4)]		
Orbit Structure	Orbit 1 Server Version: 20071214									



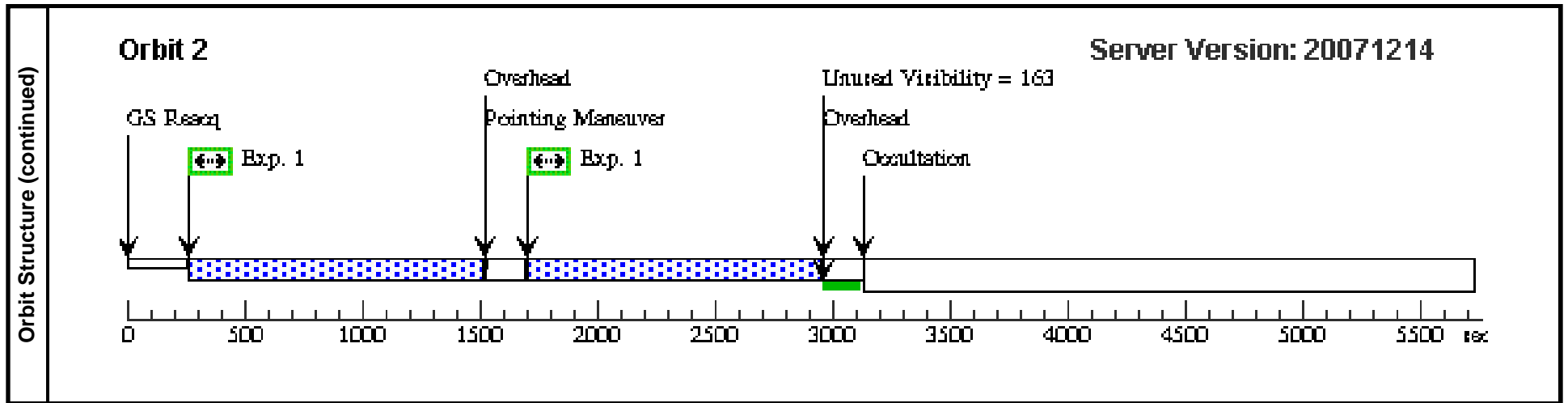
Visit	Proposal 10798, Visit 86 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(12)	SDSSJ0935-0003	RA: 09 35 43.9300 (143.9330417d) Dec: -00 03 34.80 (-.05967d) Equinox: J2000				V=17.6		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(12) SDSSJ0935-0003	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs [=>1100.0 Secs (Pattern 1)] [=>1100.0 Secs (Pattern 2)] [=>1100.0 Secs (Pattern 3)] [=>1100.0 Secs (Pattern 4)]	[1] [2]	
Orbit Structure	Orbit 1 Server Version: 20071214									
	<p>The diagram shows the timeline for Orbit 1. The x-axis represents time in seconds, ranging from 0 to 5500. Key events are marked with arrows and labels: GS Acq at approximately 300 seconds, Exposed Exps. 1 (represented by blue dotted bars) at approximately 400 seconds and 1800 seconds, Pointing Maneuvers at approximately 1600 seconds and 3000 seconds, Occultation at approximately 3100 seconds, and Unused Visibility at approximately 3200 seconds. Overhead periods are indicated above the timeline. The text 'Server Version: 20071214' is displayed in the top right corner of the diagram area.</p>									



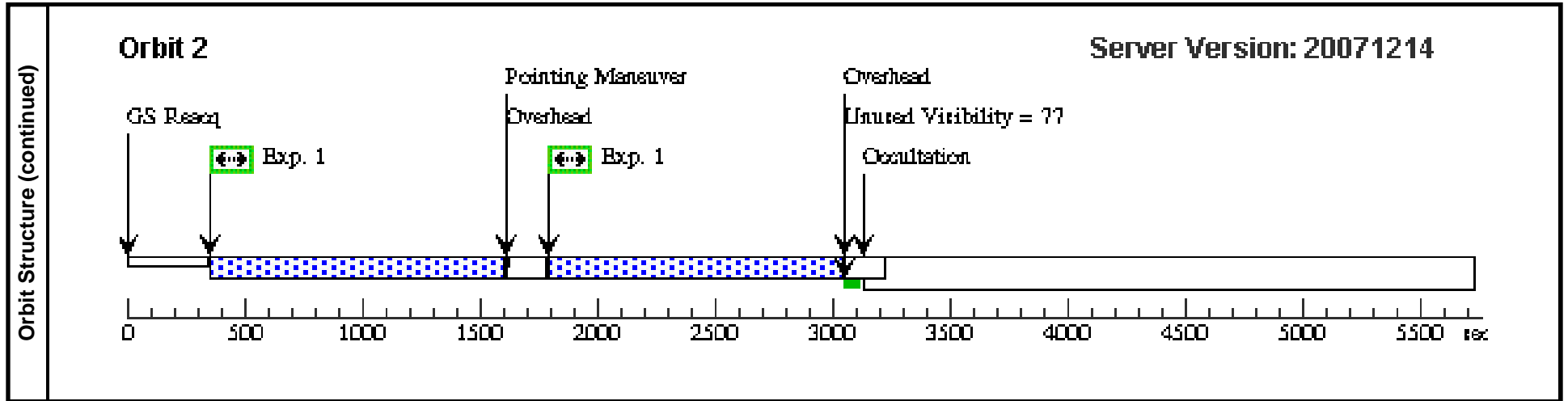
Visit	Proposal 10798, Visit 87 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(13)	SDSSJ1403+0006	RA: 14 03 29.4900 (210.8728750d) Dec: +00 06 41.40 (.11150d) Equinox: J2000				V=18.1		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(13) SDSSJ1403+0006	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs		
								[=>1100.0 Secs (Pattern 1)]	[1]	
								[=>1100.0 Secs (Pattern 2)]	[2]	
								[=>1100.0 Secs (Pattern 3)]		
								[=>1100.0 Secs (Pattern 4)]		
Orbit Structure	Orbit 1 Server Version: 20071214									
	<p>The diagram shows a horizontal timeline from 0 to 5500 seconds. Key events are marked with arrows: GS Acq at ~200s, Exposed Exps. 1 (green box) at ~400s and ~1800s, Pointing Maneuvers at ~1600s and ~3000s, Occultation at ~3100s, and Overhead periods. A blue dotted bar represents the total exposure duration from ~400s to ~3100s. A gap between ~3100s and ~3200s is labeled 'Unused Visibility = ??'. The text 'Orbit 1' and 'Server Version: 20071214' are at the top of the diagram area.</p>									



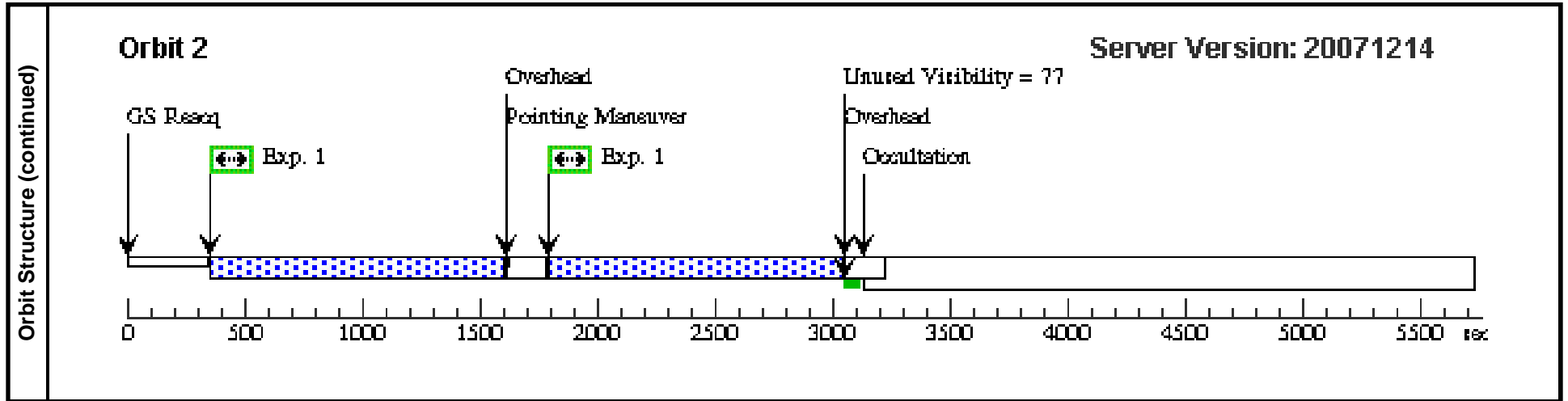
Visit	Proposal 10798, Visit 88 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false					(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(14)	SDSSJ1204+0358	RA: 12 04 44.0700 (181.1836250d) Dec: +03 58 6.30 (3.96842d) Equinox: J2000				V=17.5	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1		(14) SDSSJ1204+0358	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO	GS ACQ SCENARI O SINGLE	Pattern 1-1 (3)	1000.0 Secs		
			58						[=>1100.0 Secs (Pattern 1)]		[1]
									[=>1100.0 Secs (Pattern 2)]		[2]
Orbit Structure	Orbit 1 Server Version: 20071214										



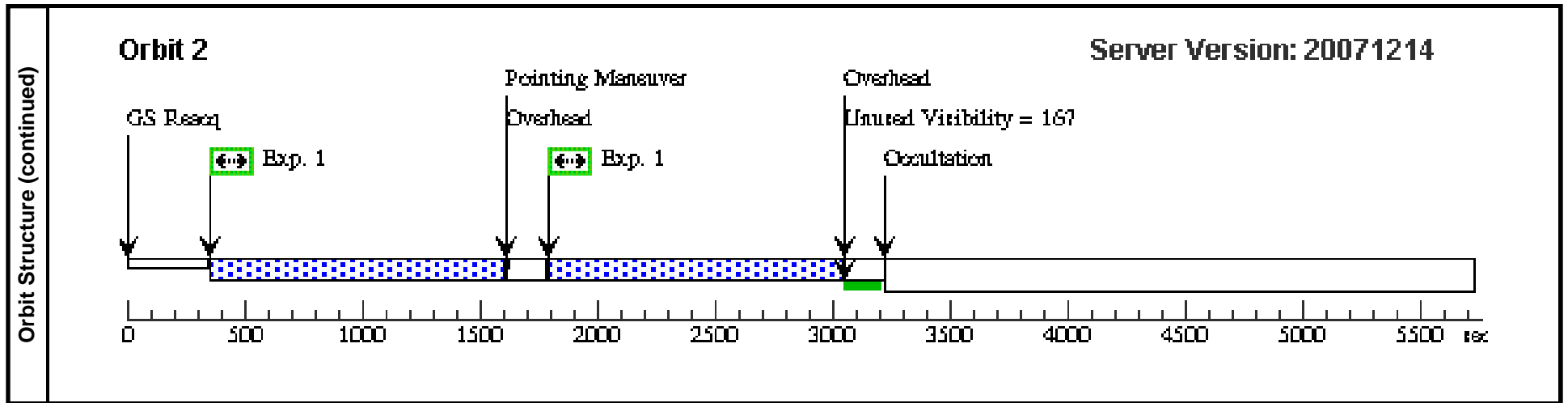
Visit	Proposal 10798, Visit 89 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false					(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(16)	SDSSJ0037-0942	RA: 00 37 53.2100 (9.4717083d) Dec: -09 42 20.10 (-9.70558d) Equinox: J2000				V=16.9		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(16) SDSSJ0037-0942	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs		
								[=>1100.0 Secs (Pattern 1)]	[1]	
								[=>1100.0 Secs (Pattern 2)]	[2]	
								[=>1100.0 Secs (Pattern 3)]	[2]	
								[=>1100.0 Secs (Pattern 4)]		
Orbit Structure	Orbit 1 Server Version: 20071214									
	<p>The diagram shows a horizontal timeline from 0 to 5500 seconds. Key events are marked with arrows: GS Acq at ~200s, Exposed Exps. 1 (blue dotted bars) at ~400s and ~1800s, Pointing Maneuvers at ~1600s and ~3000s, Overhead periods at ~1600s and ~3000s, and Occultation at ~3000s. Unused visibility is indicated as 77%.</p>									



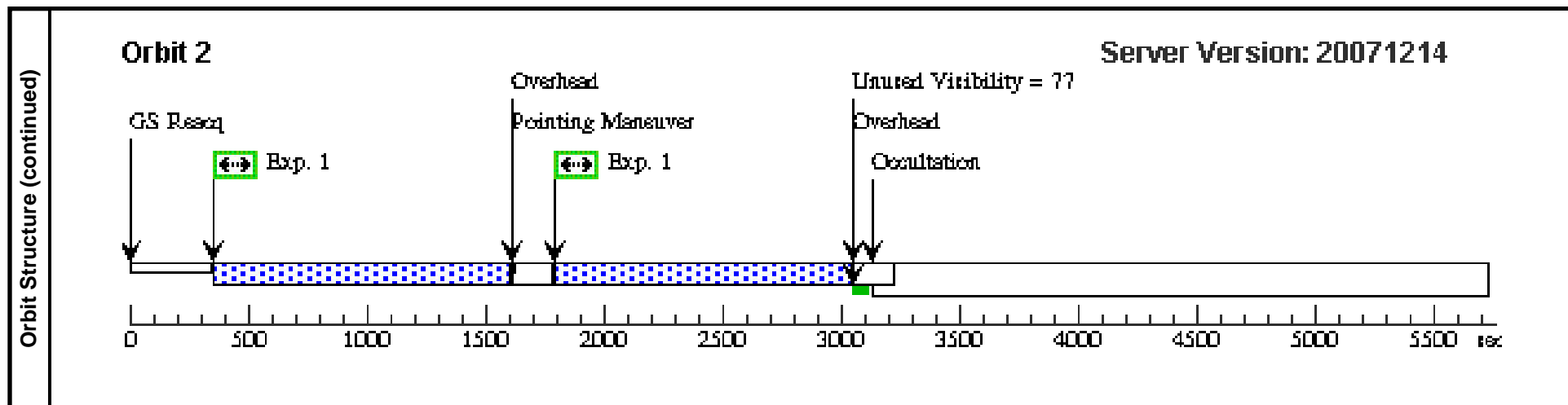
Visit	Proposal 10798, Visit 90 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(17)	SDSSJ1531-0105	RA: 15 31 50.0700 (232.9586250d) Dec: -01 05 45.70 (-1.09603d) Equinox: J2000				V=17.3		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(17) SDSSJ1531-0105	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs		
								[=>1100.0 Secs (Pattern 1)]	[1]	
								[=>1100.0 Secs (Pattern 2)]	[2]	
								[=>1100.0 Secs (Pattern 3)]		
								[=>1100.0 Secs (Pattern 4)]		
Orbit Structure	Orbit 1 Server Version: 20071214									



Visit	Proposal 10798, Visit 91 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(18)	SDSSJ1538+5817	RA: 15 38 12.9200 (234.5538333d) Dec: +58 17 9.80 (58.28606d) Equinox: J2000				V=17.8		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	(18) SDSSJ1538+5817	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs [=>1100.0 Secs (Pattern 1)] [=>1100.0 Secs (Pattern 2)] [=>1100.0 Secs (Pattern 3)] [=>1100.0 Secs (Pattern 4)]	[1] [2]	
Orbit Structure	Orbit 1 Server Version: 20071214									
	<p> GS Acq → Exp. 1 → Pointing Maneuver → Exp. 1 → Pointing Maneuver → Occultation → Unused Visibility = 167 </p> <p>Timeline: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec.</p>									



Visit	Proposal 10798, Visit 92 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(19)	SDSSJ1436-0000	RA: 14 36 27.5400 (219.1147500d) Dec: -00 00 29.20 (-.00811d) Equinox: J2000				V=18.4		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(19) SDSSJ1436-0000	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs [=>1100.0 Secs (Pattern 1)] [=>1100.0 Secs (Pattern 2)] [=>1100.0 Secs (Pattern 3)] [=>1100.0 Secs (Pattern 4)]	[1] [2]
Orbit Structure	Orbit 1 Server Version: 20071214									
	<p>Unused Visibility = ??</p>									



Visit	Proposal 10798, Visit 93 Diagnostic Status: No Diagnostics Scientific Instruments: WFPC2 Special Requirements: (none)									
	Patterns	#	Primary Pattern				Secondary Pattern			
(3)		Pattern Type=WFPC2-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.559017 Line Spacing=0.559017		Coordinate Frame=POS-TARG Pattern Orientation=26.56505 Angle Between Sides=143.1301 Center Pattern=false						(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(20)	SDSSJ1718+6424	RA: 17 18 37.3900 (259.6557917d) Dec: +64 24 52.20 (64.41450d) Equinox: J2000				V=16.2		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1		(20) SDSSJ1718+6424	WFPC2, IMAGE, WF3	F606W	CR-SPLIT=NO		Pattern 1-1 (3)	1000.0 Secs	
			24						[==>1100.0 Secs (Pattern 1)]	[1]
									[==>1100.0 Secs (Pattern 2)]	[2]
Orbit Structure	Orbit 1 Server Version: 20071214									

